copper

Other names:	copper element
Inchi:	InChI=1S/Cu
InchiKey:	RYGMFSIKBFXOCR-UHFFFAOYSA-N
Formula:	Cu
SMILES:	[Cu]
Mol. weight [g/mol]:	63.55
CAS:	7440-50-8

Physical Properties

Property code	Value	Unit	Source
affp	655.30	kJ/mol	NIST Webbook
basg	632.40	kJ/mol	NIST Webbook
ea	1.24 ± 0.01	eV	NIST Webbook
ea	1.23 ± 0.01	eV	NIST Webbook
ea	1.24 ± 0.00	eV	NIST Webbook
ea	1.24 ± 0.03	eV	NIST Webbook
ea	1.20 ± 0.15	eV	NIST Webbook
hf	337.40 ± 1.20	kJ/mol	NIST Webbook
ie	7.71 ± 0.05	eV	NIST Webbook
ie	7.73 ± 0.00	eV	NIST Webbook
ie	7.72	eV	NIST Webbook
ie	7.73 ± 0.00	eV	NIST Webbook
ie	7.73	eV	NIST Webbook
ie	7.73 ± 0.00	eV	NIST Webbook
ie	8.00	eV	NIST Webbook
ie	7.73	eV	NIST Webbook
ie	7.73	eV	NIST Webbook
sgb	166.40 ± 0.00	J/mol×K	NIST Webbook
ss	33.15 ± 0.08	J/mol×K	NIST Webbook
tf	1357.95 ± 0.20	K	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source

cps	22.81	J/mol×K	208.70	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	24.75	J/mol×K	323.56	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.71	J/mol×K	321.89	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.70	J/mol×K	320.22	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	24.72	J/mol×K	318.46	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.69	J/mol×K	316.78	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.64	J/mol×K	315.11	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.66	J/mol×K	313.43	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	24.64	J/mol×K	311.74	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.61	J/mol×K	310.06	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.55	J/mol×K	308.40	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.51	J/mol×K	306.73	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	24.52	J/mol×K	305.07	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.53	J/mol×K	303.39	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.51	J/mol×K	301.71	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.49	J/mol×K	300.02	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	24.47	J/mol×K	298.34	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.07	J/mol×K	10.51	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	0.08	J/mol×K	11.42	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	0.11	J/mol×K	12.43	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	0.14	J/mol×K	13.56	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	0.19	J/mol×K	14.81	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	0.23	J/mol×K	16.17	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry

cps	0.30	J/mol×K	17.69	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	0.41	J/mol×K	19.34	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	0.47	J/mol×K	20.19	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	0.56	J/mol×K	21.13	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	0.62	J/mol×K	21.94	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	0.74	J/mol×K	23.08	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	0.82	J/mol×K	23.76	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	1.06	J/mol×K	25.79	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	1.37	J/mol×K	28.01	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	

cps	1.76	J/mol×K	30.46	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	2.26	J/mol×K	33.17	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	2.85	J/mol×K	36.05	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	3.17	J/mol×K	37.57	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	3.50	J/mol×K	39.01	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	3.90	J/mol×K	40.74	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	4.71	J/mol×K	44.10	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	5.15	J/mol×K	45.89	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	

cps	5.55	J/mol×K	47.52	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	6.03	J/mol×K	49.38	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	6.93	J/mol×K	52.99	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	7.28	J/mol×K	54.47	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	7.84	J/mol×K	56.65	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	7.88	J/mol×K	56.87	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	8.58	J/mol×K	59.76	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	9.27	J/mol×K	62.64	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	10.14	J/mol×K	66.47	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry

cps	11.16	J/mol×K	71.22	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	12.13	J/mol×K	75.97	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	13.04	J/mol×K	80.79	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	13.89	J/mol×K	85.65	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	14.68	J/mol×K	90.55	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	15.41	J/mol×K	95.49	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	16.08	J/mol×K	100.46	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	16.71	J/mol×K	105.45	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	

cps	17.28	J/mol×K	110.46	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	17.81	J/mol×K	115.49	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	18.30	J/mol×K	120.54	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	18.75	J/mol×K	125.61	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	19.16	J/mol×K	130.68	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	19.47	J/mol×K	134.74	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	19.54	J/mol×K	135.77	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	19.82	J/mol×K	139.84	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	19.89	J/mol×K	140.87	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry

cps	20.16	J/mol×K	144.94	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	20.46	J/mol×K	150.05	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	20.75	J/mol×K	155.17	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	21.02	J/mol×K	160.30	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	21.27	J/mol×K	165.43	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	21.50	J/mol×K	170.57	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	21.72	J/mol×K	175.70	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	21.92	J/mol×K	180.85	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	

cps	22.11	J/mol×K	186.00	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	22.28	J/mol×K	191.15	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	22.35	J/mol×K	193.33	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	22.45	J/mol×K	196.30	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	22.51	J/mol×K	198.48	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	22.60	J/mol×K	201.46	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	22.66	J/mol×K	203.64	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	22.74	J/mol×K	206.62	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	22.79	J/mol×K	208.80	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry

cps	22.93	J/mol×K	213.96	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	23.06	J/mol×K	219.13	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	23.19	J/mol×K	224.29	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	23.31	J/mol×K	229.45	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	23.38	J/mol×K	232.56	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	23.41	J/mol×K	234.62	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	23.49	J/mol×K	237.73	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	23.53	J/mol×K	239.79	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	

cps	23.59	J/mol×K	242.89	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	23.68	J/mol×K	248.06	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	23.77	J/mol×K	253.24	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	23.86	J/mol×K	258.41	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	23.95	J/mol×K	263.59	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	24.02	J/mol×K	268.77	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	24.09	J/mol×K	273.95	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	24.16	J/mol×K	279.13	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	24.23	J/mol×K	284.31	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	

cps	24.31	J/mol×K	289.49	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	24.38	J/mol×K	294.67	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	24.41	J/mol×K	297.38	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	24.44	J/mol×K	299.85	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	24.49	J/mol×K	302.55	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	24.55	J/mol×K	307.73	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	24.61	J/mol×K	312.92	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	24.67	J/mol×K	318.10	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	

cps	24.73	J/mol×K	323.28	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	24.75	J/mol×K	325.89	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	24.78	J/mol×K	328.47	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	24.80	J/mol×K	331.06	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	24.85	J/mol×K	336.25	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	24.91	J/mol×K	341.44	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	24.95	J/mol×K	346.62	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	24.99	J/mol×K	351.80	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry
cps	25.03	J/mol×K	356.99	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry

cps	25.07	J/mol×K	363.06	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	25.11	J/mol×K	368.04	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	25.17	J/mol×K	373.02	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	25.25	J/mol×K	378.00	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	25.25	J/mol×K	382.98	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	25.30	J/mol×K	387.96	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	25.35	J/mol×K	392.94	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	
cps	25.41	J/mol×K	397.62	Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry	

cps	0.10	J/mol×K	14.20	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	0.21	J/mol×K	15.68	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	0.24	J/mol×K	16.38	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	0.24	J/mol×K	16.77	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	0.31	J/mol×K	17.80	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	0.40	J/mol×K	19.33	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	0.55	J/mol×K	21.00	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K

cps	0.70	J/mol×K	22.76	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	0.94	J/mol×K	24.89	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	1.26	J/mol×K	27.19	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	1.62	J/mol×K	29.54	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	2.07	J/mol×K	32.17	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	2.63	J/mol×K	35.07	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	2.80	J/mol×K	35.81	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K

cps	3.34	J/mol×K	38.36	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	3.48	J/mol×K	38.95	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	4.28	J/mol×K	42.31	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	5.17	J/mol×K	46.05	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	6.20	J/mol×K	50.21	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	7.13	J/mol×K	54.08	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	7.30	J/mol×K	54.62	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K

cps	7.63	J/mol×K	56.10	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	8.23	J/mol×K	58.53	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	8.36	J/mol×K	59.11	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	8.48	J/mol×K	59.50	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	9.43	J/mol×K	63.71	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	9.51	J/mol×K	63.87	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	10.60	J/mol×K	68.55	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K

cps	11.60	J/mol×K	73.28	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	12.55	J/mol×K	78.07	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	13.41	J/mol×K	82.91	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	14.23	J/mol×K	87.80	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	15.00	J/mol×K	92.71	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	15.06	J/mol×K	93.13	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	15.72	J/mol×K	97.66	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K

cps	15.70	J/mol×K	97.70	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	16.38	J/mol×K	102.69	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	16.96	J/mol×K	107.70	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	17.49	J/mol×K	112.73	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	18.01	J/mol×K	117.78	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	18.49	J/mol×K	122.84	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	18.95	J/mol×K	127.92	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K

cps	19.37	J/mol×K	133.00	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	19.74	J/mol×K	138.10	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	20.06	J/mol×K	143.21	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	20.36	J/mol×K	148.33	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	20.55	J/mol×K	151.40	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	20.66	J/mol×K	153.45	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	20.85	J/mol×K	156.50	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K

cps	20.95	J/mol×K	158.58	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	21.11	J/mol×K	161.61	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	21.37	J/mol×K	166.74	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	21.59	J/mol×K	171.89	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	21.77	J/mol×K	177.04	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	21.94	J/mol×K	182.20	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	22.15	J/mol×K	187.36	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K

cps	22.25	J/mol×K	192.53	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	22.35	J/mol×K	197.69	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	22.60	J/mol×K	202.86	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	22.66	J/mol×K	203.62	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	22.73	J/mol×K	208.02	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	24.45	J/mol×K	296.66	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	22.96	J/mol×K	213.88	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	23.11	J/mol×K	219.05	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	23.25	J/mol×K	224.22	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	23.33	J/mol×K	229.39	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	23.45	J/mol×K	234.57	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	23.52	J/mol×K	239.76	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	23.60	J/mol×K	244.94	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K

cps	23.62	J/mol×K	247.71	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	23.70	J/mol×K	250.12	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	23.76	J/mol×K	253.15	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	23.79	J/mol×K	255.31	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	23.83	J/mol×K	261.84	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	24.07	J/mol×K	270.43	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	24.13	J/mol×K	275.79	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K

cps	24.20	J/mol×K	280.97	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	24.27	J/mol×K	286.16	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	24.32	J/mol×K	291.35	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	24.39	J/mol×K	296.54	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	24.51	J/mol×K	301.73	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	24.55	J/mol×K	306.93	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	24.54	J/mol×K	312.11	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K

cps	24.59	J/mol×K	317.29	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	24.64	J/mol×K	322.48	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	24.69	J/mol×K	327.67	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	24.81	J/mol×K	332.85	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	24.86	J/mol×K	338.04	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	24.88	J/mol×K	343.25	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K
cps	25.04	J/mol×K	348.43	Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K

cps	0.06	J/mol×K	10.25	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	0.08	J/mol×K	11.34	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	0.11	J/mol×K	12.58	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	0.15	J/mol×K	13.96	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	0.21	J/mol×K	15.48	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	0.28	J/mol×K	17.18	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	0.40	J/mol×K	19.06	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	0.56	J/mol×K	21.16	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	0.79	J/mol×K	23.49	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)

cps	1.09	J/mol×K	26.06	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	1.51	J/mol×K	28.95	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	2.06	J/mol×K	32.07	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	2.77	J/mol×K	35.61	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	3.64	J/mol×K	39.52	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	4.66	J/mol×K	43.85	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	5.85	J/mol×K	48.66	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	7.18	J/mol×K	54.01	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)

cps	8.63	J/mol×K	59.94	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	10.16	J/mol×K	66.51	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	11.68	J/mol×K	73.83	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	13.27	J/mol×K	81.93	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	14.71	J/mol×K	90.94	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	16.04	J/mol×K	100.89	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	17.30	J/mol×K	111.02	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	18.35	J/mol×K	121.12	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	19.24	J/mol×K	131.20	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)

cps	19.93	J/mol×K	141.26	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	20.52	J/mol×K	151.41	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	21.05	J/mol×K	161.51	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	21.50	J/mol×K	171.60	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	21.94	J/mol×K	181.69	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	22.25	J/mol×K	191.78	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	22.55	J/mol×K	201.87	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	22.82	J/mol×K	212.00	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)

cps	23.11	J/mol×K	222.11	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	23.37	J/mol×K	232.19	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	23.57	J/mol×K	242.21	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	23.79	J/mol×K	252.34	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	23.94	J/mol×K	262.41	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	24.10	J/mol×K	272.42	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	24.30	J/mol×K	282.60	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	24.41	J/mol×K	292.63	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	24.51	J/mol×K	302.69	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)

cps	24.49	J/mol×K	297.94	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	24.54	J/mol×K	302.72	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	24.55	J/mol×K	307.82	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	24.59	J/mol×K	312.89	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	24.70	J/mol×K	317.83	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	24.68	J/mol×K	322.91	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	24.79	J/mol×K	328.03	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	24.87	J/mol×K	333.05	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)

cps	24.81	J/mol×K	338.06	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	24.90	J/mol×K	343.13	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	25.01	J/mol×K	348.29	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	25.13	J/mol×K	353.34	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	25.09	J/mol×K	358.42	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	25.13	J/mol×K	363.50	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	25.23	J/mol×K	368.53	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	25.30	J/mol×K	373.56	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	25.40	J/mol×K	378.59	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)

cps	25.45	J/mol×K	383.61	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	25.48	J/mol×K	388.61	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	25.58	J/mol×K	393.64	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	25.68	J/mol×K	398.65	Low-temperature heat capacity and standard thermodynamic functions of .beta.-D-(-)-arabinose (C5H10O5)
cps	0.06	J/mol×K	10.47	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	0.07	J/mol×K	11.01	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	0.08	J/mol×K	11.56	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	0.10	J/mol×K	12.11	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	0.11	J/mol×K	12.68	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	0.13	J/mol×K	13.25	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State

cps	0.14	J/mol×K	13.82	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	0.16	J/mol×K	14.39	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	0.18	J/mol×K	14.97	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	0.21	J/mol×K	15.66	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	0.25	J/mol×K	16.44	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	0.29	J/mol×K	17.24	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	0.33	J/mol×K	18.03	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	0.38	J/mol×K	18.83	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	0.44	J/mol×K	19.63	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	0.52	J/mol×K	20.69	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	0.63	J/mol×K	22.00	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	0.77	J/mol×K	23.33	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	

cps	0.92	J/mol×K	24.67	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	1.09	J/mol×K	26.02	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	1.28	J/mol×K	27.37	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	1.49	J/mol×K	28.73	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	1.73	J/mol×K	30.23	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	2.00	J/mol×K	31.76	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	2.33	J/mol×K	33.45	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	2.67	J/mol×K	35.15	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	3.03	J/mol×K	36.87	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	3.41	J/mol×K	38.59	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	3.81	J/mol×K	40.32	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	4.24	J/mol×K	42.15	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State

cps	4.70	J/mol×K	44.09	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	5.18	J/mol×K	46.03	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	5.67	J/mol×K	47.98	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	6.16	J/mol×K	49.94	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	6.64	J/mol×K	51.90	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	7.13	J/mol×K	53.88	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	7.62	J/mol×K	55.86	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	8.10	J/mol×K	57.85	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	8.59	J/mol×K	59.85	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	9.06	J/mol×K	61.85	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	9.53	J/mol×K	63.86	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	9.99	J/mol×K	65.87	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State

cps	10.43	J/mol×K	67.89	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	10.88	J/mol×K	69.91	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	11.30	J/mol×K	71.93	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	11.72	J/mol×K	73.96	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	12.12	J/mol×K	75.99	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	12.51	J/mol×K	78.02	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	12.89	J/mol×K	80.06	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	13.04	J/mol×K	80.84	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	13.26	J/mol×K	82.11	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	13.39	J/mol×K	82.89	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	13.56	J/mol×K	83.86	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	13.79	J/mol×K	85.26	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State

cps	13.87	J/mol×K	85.69	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	14.20	J/mol×K	87.74	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	14.20	J/mol×K	87.76	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	14.53	J/mol×K	89.79	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	14.58	J/mol×K	90.09	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	14.85	J/mol×K	91.84	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	15.15	J/mol×K	93.89	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	15.45	J/mol×K	95.95	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	15.74	J/mol×K	98.02	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	16.01	J/mol×K	100.08	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	16.28	J/mol×K	102.15	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	16.55	J/mol×K	104.23	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State

cps	16.80	J/mol×K	106.31	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	17.04	J/mol×K	108.40	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	17.27	J/mol×K	110.48	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	17.50	J/mol×K	112.57	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	17.71	J/mol×K	114.67	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	17.93	J/mol×K	116.77	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	18.13	J/mol×K	118.86	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	18.33	J/mol×K	120.96	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	18.52	J/mol×K	123.07	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	18.70	J/mol×K	125.17	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	18.87	J/mol×K	127.28	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	19.05	J/mol×K	129.39	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State

cps	19.21	J/mol×K	131.50	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	19.37	J/mol×K	133.62	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	19.52	J/mol×K	135.73	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	19.68	J/mol×K	137.85	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	19.82	J/mol×K	139.97	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	19.97	J/mol×K	142.10	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	20.11	J/mol×K	144.22	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	20.25	J/mol×K	146.35	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	20.37	J/mol×K	148.48	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	20.50	J/mol×K	150.62	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	20.62	J/mol×K	152.75	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	20.74	J/mol×K	154.89	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State

cps	20.85	J/mol×K	157.02	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	20.97	J/mol×K	159.16	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	21.06	J/mol×K	161.30	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.36	J/mol×K	291.58	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	21.27	J/mol×K	165.58	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	21.38	J/mol×K	167.73	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	21.47	J/mol×K	169.88	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	21.56	J/mol×K	172.02	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	21.65	J/mol×K	174.17	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	21.73	J/mol×K	176.32	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State

cps	21.83	J/mol×K	178.48	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	21.90	J/mol×K	180.63	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	21.98	J/mol×K	182.78	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	22.07	J/mol×K	184.94	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	22.14	J/mol×K	187.09	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	22.22	J/mol×K	189.25	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	22.29	J/mol×K	191.41	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	22.37	J/mol×K	193.57	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	22.44	J/mol×K	195.73	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	22.51	J/mol×K	197.88	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	22.57	J/mol×K	200.04	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	22.64	J/mol×K	202.20	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State

cps	22.70	J/mol×K	204.37	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	22.77	J/mol×K	206.53	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	22.82	J/mol×K	208.70	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	22.88	J/mol×K	210.86	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	22.93	J/mol×K	213.03	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	23.00	J/mol×K	215.20	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	23.01	J/mol×K	216.22	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	23.04	J/mol×K	217.37	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	23.05	J/mol×K	217.96	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	23.09	J/mol×K	219.54	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	23.10	J/mol×K	219.92	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	23.14	J/mol×K	221.71	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	

cps	23.14	J/mol×K	221.87	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	23.19	J/mol×K	223.82	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	23.19	J/mol×K	223.88	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	23.22	J/mol×K	225.78	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	23.24	J/mol×K	226.05	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	23.27	J/mol×K	227.73	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	23.31	J/mol×K	229.68	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	23.36	J/mol×K	231.64	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	23.40	J/mol×K	233.60	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	23.44	J/mol×K	235.56	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	23.47	J/mol×K	237.52	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	23.52	J/mol×K	239.48	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	

cps	23.55	J/mol×K	241.44	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	23.58	J/mol×K	243.40	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	23.63	J/mol×K	245.36	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	23.65	J/mol×K	247.33	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	23.70	J/mol×K	249.30	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	23.73	J/mol×K	251.26	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	23.77	J/mol×K	253.23	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	23.80	J/mol×K	255.19	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	23.84	J/mol×K	257.16	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	23.87	J/mol×K	259.13	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	23.90	J/mol×K	261.10	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	23.95	J/mol×K	263.06	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State

cps	23.97	J/mol×K	265.03	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.00	J/mol×K	267.00	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.04	J/mol×K	268.97	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.06	J/mol×K	270.94	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.10	J/mol×K	272.91	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.12	J/mol×K	274.88	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.15	J/mol×K	276.86	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.17	J/mol×K	278.84	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.20	J/mol×K	280.81	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.23	J/mol×K	282.79	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.25	J/mol×K	284.76	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.27	J/mol×K	286.74	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State

cps	24.30	J/mol×K	288.72	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.34	J/mol×K	290.69	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.34	J/mol×K	292.66	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.38	J/mol×K	294.64	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.40	J/mol×K	296.61	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.42	J/mol×K	298.58	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.44	J/mol×K	300.56	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.47	J/mol×K	302.53	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.49	J/mol×K	304.51	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.52	J/mol×K	306.48	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.55	J/mol×K	308.45	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.57	J/mol×K	310.43	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State

cps	24.59	J/mol×K	312.40	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.61	J/mol×K	314.38	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.64	J/mol×K	316.35	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.64	J/mol×K	318.34	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.67	J/mol×K	320.31	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.68	J/mol×K	322.29	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.71	J/mol×K	324.26	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.74	J/mol×K	326.24	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.75	J/mol×K	328.22	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.77	J/mol×K	330.19	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.79	J/mol×K	332.17	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.79	J/mol×K	334.15	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State

cps	24.81	J/mol×K	336.12	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	24.82	J/mol×K	338.10	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	24.84	J/mol×K	340.08	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	24.85	J/mol×K	342.06	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	24.87	J/mol×K	344.04	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	24.89	J/mol×K	346.02	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	24.89	J/mol×K	348.01	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	24.90	J/mol×K	350.00	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	24.92	J/mol×K	351.98	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	24.94	J/mol×K	353.97	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	24.94	J/mol×K	355.95	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	24.95	J/mol×K	357.93	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	

cps	24.98	J/mol×K	359.91	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	24.99	J/mol×K	361.90	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	25.00	J/mol×K	363.89	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	25.01	J/mol×K	365.87	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	25.03	J/mol×K	367.86	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State	
cps	0.05	J/mol×K	10.18	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)	
cps	0.07	J/mol×K	10.60	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)	

cps	0.07	J/mol×K	10.64	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.07	J/mol×K	10.83	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.08	J/mol×K	11.50	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.08	J/mol×K	11.55	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	0.09	J/mol×K	11.71	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.10	J/mol×K	12.41	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.10	J/mol×K	12.46	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.11	J/mol×K	12.62	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	0.13	J/mol×K	13.33	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.13	J/mol×K	13.38	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.13	J/mol×K	13.52	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.16	J/mol×K	14.24	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	0.16	J/mol×K	14.30	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.16	J/mol×K	14.43	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.19	J/mol×K	15.17	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.19	J/mol×K	15.23	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	0.20	J/mol×K	15.35	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.23	J/mol×K	16.10	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.23	J/mol×K	16.16	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.24	J/mol×K	16.27	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	0.27	J/mol×K	17.03	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.28	J/mol×K	17.09	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.28	J/mol×K	17.20	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.33	J/mol×K	17.97	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	0.33	J/mol×K	18.03	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.33	J/mol×K	18.13	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.38	J/mol×K	18.90	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.39	J/mol×K	18.96	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	0.39	J/mol×K	19.06	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.45	J/mol×K	19.84	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.45	J/mol×K	19.90	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.46	J/mol×K	19.99	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	0.50	J/mol×K	20.50	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.56	J/mol×K	21.24	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.57	J/mol×K	21.31	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.58	J/mol×K	21.40	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	0.63	J/mol×K	22.08	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.74	J/mol×K	23.18	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.75	J/mol×K	23.26	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	0.83	J/mol×K	23.95	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	0.96	J/mol×K	25.05	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	1.06	J/mol×K	25.83	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	1.21	J/mol×K	26.93	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	1.32	J/mol×K	27.72	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	1.49	J/mol×K	28.82	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	1.62	J/mol×K	29.62	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	1.81	J/mol×K	30.72	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	1.88	J/mol×K	31.57	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	2.16	J/mol×K	32.63	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	2.32	J/mol×K	33.43	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	2.32	J/mol×K	33.48	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	2.54	J/mol×K	34.55	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	2.70	J/mol×K	35.34	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	2.71	J/mol×K	35.49	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	2.94	J/mol×K	36.48	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	3.11	J/mol×K	37.28	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	3.14	J/mol×K	37.42	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	3.55	J/mol×K	39.22	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	3.58	J/mol×K	39.35	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	4.01	J/mol×K	41.16	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	4.04	J/mol×K	41.29	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	4.47	J/mol×K	43.10	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	4.50	J/mol×K	43.24	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	4.94	J/mol×K	45.05	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	4.98	J/mol×K	45.19	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	5.41	J/mol×K	46.96	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	5.44	J/mol×K	47.09	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	5.85	J/mol×K	48.74	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	5.88	J/mol×K	48.86	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	6.28	J/mol×K	50.40	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	6.31	J/mol×K	50.52	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	6.66	J/mol×K	51.95	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	6.68	J/mol×K	52.06	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	7.02	J/mol×K	53.42	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	7.05	J/mol×K	53.53	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.41	J/mol×K	294.98	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	7.41	J/mol×K	54.92	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	7.71	J/mol×K	56.15	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	7.73	J/mol×K	56.25	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	8.01	J/mol×K	57.44	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	8.03	J/mol×K	57.53	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	8.31	J/mol×K	58.67	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	8.32	J/mol×K	58.76	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	8.61	J/mol×K	59.86	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	8.63	J/mol×K	59.95	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	8.89	J/mol×K	61.02	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	8.90	J/mol×K	61.09	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	9.15	J/mol×K	62.13	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	9.15	J/mol×K	62.21	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	9.40	J/mol×K	63.22	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	9.40	J/mol×K	63.29	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	9.62	J/mol×K	64.28	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	9.65	J/mol×K	64.35	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	9.86	J/mol×K	65.31	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	9.88	J/mol×K	65.38	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	10.10	J/mol×K	66.32	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	10.12	J/mol×K	66.39	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	10.32	J/mol×K	67.31	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	10.33	J/mol×K	67.38	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	10.52	J/mol×K	68.27	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	10.54	J/mol×K	68.34	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	10.74	J/mol×K	69.22	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	10.76	J/mol×K	69.29	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	10.94	J/mol×K	70.15	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	10.94	J/mol×K	70.22	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	11.34	J/mol×K	72.11	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	11.35	J/mol×K	72.18	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	11.96	J/mol×K	75.13	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	11.97	J/mol×K	75.20	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	12.54	J/mol×K	78.16	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	12.56	J/mol×K	78.23	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	12.79	J/mol×K	79.46	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	13.11	J/mol×K	81.19	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	13.32	J/mol×K	82.43	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	13.84	J/mol×K	85.40	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	14.32	J/mol×K	88.27	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	14.75	J/mol×K	91.05	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	15.16	J/mol×K	93.75	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	15.54	J/mol×K	96.38	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	15.88	J/mol×K	98.95	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	16.21	J/mol×K	101.47	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	16.53	J/mol×K	103.93	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	16.82	J/mol×K	106.36	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	17.10	J/mol×K	108.74	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	17.36	J/mol×K	111.08	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	17.60	J/mol×K	113.39	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	17.84	J/mol×K	115.66	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	18.06	J/mol×K	117.91	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	18.27	J/mol×K	120.13	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	18.47	J/mol×K	122.32	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	18.66	J/mol×K	124.49	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	18.85	J/mol×K	126.63	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	19.02	J/mol×K	128.76	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	19.19	J/mol×K	130.86	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	19.35	J/mol×K	132.95	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	19.49	J/mol×K	135.02	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	19.65	J/mol×K	137.06	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	19.79	J/mol×K	139.10	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	19.92	J/mol×K	141.11	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	20.06	J/mol×K	143.11	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	20.18	J/mol×K	145.10	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	20.30	J/mol×K	147.08	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	20.42	J/mol×K	149.04	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	20.54	J/mol×K	150.99	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	20.64	J/mol×K	152.93	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	20.74	J/mol×K	154.86	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	20.85	J/mol×K	156.77	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	20.94	J/mol×K	158.68	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	21.04	J/mol×K	160.58	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	21.14	J/mol×K	162.46	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	21.22	J/mol×K	164.34	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	21.32	J/mol×K	166.21	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	21.39	J/mol×K	168.08	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	21.47	J/mol×K	169.93	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	21.55	J/mol×K	171.78	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	21.64	J/mol×K	173.62	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	21.71	J/mol×K	175.45	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	21.78	J/mol×K	177.28	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	21.84	J/mol×K	179.10	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	21.94	J/mol×K	180.91	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	21.99	J/mol×K	182.73	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	22.05	J/mol×K	184.53	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	22.11	J/mol×K	186.33	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	22.18	J/mol×K	188.12	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	22.24	J/mol×K	189.91	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	22.30	J/mol×K	191.69	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	22.38	J/mol×K	193.47	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	22.41	J/mol×K	195.26	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	22.46	J/mol×K	197.03	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	22.55	J/mol×K	198.81	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	22.60	J/mol×K	200.59	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	22.63	J/mol×K	202.38	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	22.68	J/mol×K	204.15	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	22.74	J/mol×K	205.92	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	22.78	J/mol×K	207.69	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	22.83	J/mol×K	209.46	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	22.90	J/mol×K	211.25	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	22.93	J/mol×K	213.02	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	22.97	J/mol×K	214.78	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.03	J/mol×K	216.54	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	23.05	J/mol×K	218.30	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.11	J/mol×K	220.06	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.14	J/mol×K	221.81	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.17	J/mol×K	223.56	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	23.23	J/mol×K	225.30	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.27	J/mol×K	227.04	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.29	J/mol×K	228.78	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.34	J/mol×K	230.51	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	23.38	J/mol×K	232.24	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.41	J/mol×K	233.96	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.44	J/mol×K	235.68	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.48	J/mol×K	237.40	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	23.52	J/mol×K	239.16	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.56	J/mol×K	240.87	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.59	J/mol×K	242.58	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.62	J/mol×K	244.29	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	23.65	J/mol×K	246.00	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.68	J/mol×K	247.70	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.71	J/mol×K	249.40	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.75	J/mol×K	251.10	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	23.79	J/mol×K	252.80	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.81	J/mol×K	254.49	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.85	J/mol×K	256.19	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.86	J/mol×K	257.88	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	23.89	J/mol×K	259.58	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.95	J/mol×K	261.27	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.96	J/mol×K	262.97	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	23.97	J/mol×K	264.66	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	24.01	J/mol×K	266.39	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.03	J/mol×K	268.08	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.08	J/mol×K	269.77	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.09	J/mol×K	271.47	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	24.11	J/mol×K	273.15	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.13	J/mol×K	274.84	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.15	J/mol×K	276.52	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.18	J/mol×K	278.20	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	24.20	J/mol×K	279.88	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.23	J/mol×K	281.55	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.26	J/mol×K	283.23	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.28	J/mol×K	284.90	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	24.30	J/mol×K	286.57	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.32	J/mol×K	288.24	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	24.34	J/mol×K	289.91	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)
cps	21.17	J/mol×K	163.44	Thermodynamic Properties of [C6mim][NTf2] in the Condensed State
cps	24.37	J/mol×K	293.31	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)

cps	7.38	J/mol×K	54.82	Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter)	
hvapt	332.70	kJ/mol	298.00	Thermodynamic activity measurements in nickel-base industrial alloys and steels by Knudsen cell Mass spectrometry	
psub	1.50e-05	kPa	1281.00	Vapor Pressure and Evaporation Coefficient Measurements at Elevated Temperatures with a Knudsen Cell and a Quartz Crystal Microbalance: New Data for SiO	
psub	5.40e-05	kPa	1343.00	Vapor Pressure and Evaporation Coefficient Measurements at Elevated Temperatures with a Knudsen Cell and a Quartz Crystal Microbalance: New Data for SiO	
psub	3.80e-05	kPa	1329.00	Vapor Pressure and Evaporation Coefficient Measurements at Elevated Temperatures with a Knudsen Cell and a Quartz Crystal Microbalance: New Data for SiO	

psub	4.50e-05	kPa	1329.00	Vapor Pressure and Evaporation Coefficient Measurements at Elevated Temperatures with a Knudsen Cell and a Quartz Crystal Microbalance: New Data for SiO
psub	2.70e-05	kPa	1314.00	Vapor Pressure and Evaporation Coefficient Measurements at Elevated Temperatures with a Knudsen Cell and a Quartz Crystal Microbalance: New Data for SiO
psub	2.80e-05	kPa	1314.00	Vapor Pressure and Evaporation Coefficient Measurements at Elevated Temperatures with a Knudsen Cell and a Quartz Crystal Microbalance: New Data for SiO
psub	2.10e-05	kPa	1300.00	Vapor Pressure and Evaporation Coefficient Measurements at Elevated Temperatures with a Knudsen Cell and a Quartz Crystal Microbalance: New Data for SiO
psub	1.90e-05	kPa	1300.00	Vapor Pressure and Evaporation Coefficient Measurements at Elevated Temperatures with a Knudsen Cell and a Quartz Crystal Microbalance: New Data for SiO

psub	5.10e-05	kPa	1343.00	Vapor Pressure and Evaporation Coefficient Measurements at Elevated Temperatures with a Knudsen Cell and a Quartz Crystal Microbalance: New Data for SiO	
psub	1.40e-05	kPa	1281.00	Vapor Pressure and Evaporation Coefficient Measurements at Elevated Temperatures with a Knudsen Cell and a Quartz Crystal Microbalance: New Data for SiO	
psub	1.00e-05	kPa	1267.00	Vapor Pressure and Evaporation Coefficient Measurements at Elevated Temperatures with a Knudsen Cell and a Quartz Crystal Microbalance: New Data for SiO	
psub	1.00e-05	kPa	1267.00	Vapor Pressure and Evaporation Coefficient Measurements at Elevated Temperatures with a Knudsen Cell and a Quartz Crystal Microbalance: New Data for SiO	
psub	5.90e-06	kPa	1249.00	Vapor Pressure and Evaporation Coefficient Measurements at Elevated Temperatures with a Knudsen Cell and a Quartz Crystal Microbalance: New Data for SiO	

psub	6.50e-06	kPa	1249.00	Vapor Pressure and Evaporation Coefficient Measurements at Elevated Temperatures with a Knudsen Cell and a Quartz Crystal Microbalance: New Data for SiO
psub	2.60e-06	kPa	1229.00	Vapor Pressure and Evaporation Coefficient Measurements at Elevated Temperatures with a Knudsen Cell and a Quartz Crystal Microbalance: New Data for SiO
psub	2.60e-06	kPa	1229.00	Vapor Pressure and Evaporation Coefficient Measurements at Elevated Temperatures with a Knudsen Cell and a Quartz Crystal Microbalance: New Data for SiO
psub	3.20e-06	kPa	1211.00	Vapor Pressure and Evaporation Coefficient Measurements at Elevated Temperatures with a Knudsen Cell and a Quartz Crystal Microbalance: New Data for SiO
psub	7.00e-05	kPa	1356.00	Vapor Pressure and Evaporation Coefficient Measurements at Elevated Temperatures with a Knudsen Cell and a Quartz Crystal Microbalance: New Data for SiO
rhol	7849.00	kg/m3	1385.00	Correlation between excess volume and thermodynamic functions of liquid Pd-X (X = Fe, Cu and Ni) binary systems

rhol	7875.00	kg/m3	1400.00	Correlation between excess volume and thermodynamic functions of liquid Pd-X (X = Fe, Cu and Ni) binary systems
rhol	7821.00	kg/m3	1432.00	Correlation between excess volume and thermodynamic functions of liquid Pd-X (X = Fe, Cu and Ni) binary systems
rhol	7819.00	kg/m3	1435.00	Correlation between excess volume and thermodynamic functions of liquid Pd-X (X = Fe, Cu and Ni) binary systems
rhol	7806.00	kg/m3	1437.00	Correlation between excess volume and thermodynamic functions of liquid Pd-X (X = Fe, Cu and Ni) binary systems
rhol	7827.00	kg/m3	1441.00	Correlation between excess volume and thermodynamic functions of liquid Pd-X (X = Fe, Cu and Ni) binary systems
rhol	7799.00	kg/m3	1456.00	Correlation between excess volume and thermodynamic functions of liquid Pd-X (X = Fe, Cu and Ni) binary systems
rhol	7828.00	kg/m3	1460.00	Correlation between excess volume and thermodynamic functions of liquid Pd-X (X = Fe, Cu and Ni) binary systems

rhol	7826.00	kg/m3	1461.00	Correlation between excess volume and thermodynamic functions of liquid Pd-X (X = Fe, Cu and Ni) binary systems
rhol	7770.00	kg/m3	1489.00	Correlation between excess volume and thermodynamic functions of liquid Pd-X (X = Fe, Cu and Ni) binary systems
rhol	7792.00	kg/m3	1507.00	Correlation between excess volume and thermodynamic functions of liquid Pd-X (X = Fe, Cu and Ni) binary systems
rhol	7755.00	kg/m3	1510.00	Correlation between excess volume and thermodynamic functions of liquid Pd-X (X = Fe, Cu and Ni) binary systems
rhol	7716.00	kg/m3	1578.00	Correlation between excess volume and thermodynamic functions of liquid Pd-X (X = Fe, Cu and Ni) binary systems
rhol	7673.00	kg/m3	1624.00	Correlation between excess volume and thermodynamic functions of liquid Pd-X (X = Fe, Cu and Ni) binary systems
rhol	7665.00	kg/m3	1625.00	Correlation between excess volume and thermodynamic functions of liquid Pd-X (X = Fe, Cu and Ni) binary systems

rhol	7628.00	kg/m3	1679.00	Correlation between excess volume and thermodynamic functions of liquid Pd-X (X = Fe, Cu and Ni) binary systems
rhol	7884.00	kg/m3	1371.00	Correlation between excess volume and thermodynamic functions of liquid Pd-X (X = Fe, Cu and Ni) binary systems

Correlations

Information	Value
Property code	pvap
Equation	ln(Pvp) = A + B/(T + C)
Coeff. A	1.71193e+01
Coeff. B	-3.45544e+04
Coeff. C	-7.10100e+01
Temperature range (K), min.	1489.15
Temperature range (K), max.	2835.15

Sources

Experimental investigation and calculation of vapor-liquid equilibria for Cu-Pb binary alloy in vacuum distillation:	https://www.doi.org/10.1016/j.fluid.2015.07.043
Standard molar enthalpies of formation of copper(II) beta-diketonates and fluorothio-beta-diketonates:	https://www.doi.org/10.1016/j.jct.2005.08.017
Experimental investigation and modeling of phase equilibria for Cu-Bi and Cu-Bi-Sb alloys in vacuum distillation:	https://www.doi.org/10.1016/j.fluid.2019.03.003
Synthesis, Structural Characterization and Thermochemistry of Copper Pyridine 2,6-dicarboxylate:	https://www.doi.org/10.1016/j.tca.2012.12.024
The Yaws Handbook of Vapor Pressure:	https://www.sciencedirect.com/book/9780128029992/the-yaws-handbook-of-vapor-pressure
Thermochemistry on crystalline compounds bis-(n-dodecylammonium) tetrachlorometallates (n-C12H25NH3)2MCl4(s) (M = Cu and Cd):	https://www.doi.org/10.1016/j.jct.2013.07.001
Experimental investigation and modeling of phase equilibria for the NiSC-Pb system in vacuum distillation:	https://www.doi.org/10.1016/j.fluid.2016.02.026
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C7440508&Units=SI
Low-temperature heat capacity and standard thermodynamic functions of beta-D (-)-arabinose (C5H10O5):	https://www.doi.org/10.1016/j.jct.2015.08.031
Enthalpies of mixing of liquid Bi Cu and Bi Cu Sn alloys relevant for lead-free soldering:	https://www.doi.org/10.1016/j.tca.2008.02.023
Correlation between excess volume and thermodynamic functions of liquid Pd-X (X = Fe, Cu and Ni) binary systems:	https://www.doi.org/10.1016/j.jct.2018.09.037
Measurement of Heat Capacity by Adiabatic Calorimetry and Calculation of Thermodynamic Functions of Standard Substances: Copper, Benzoic Acid, and Heptane (For Calibration of an Adiabatic Calorimeter):	https://www.doi.org/10.1021/je100658y
Design and construction of an adiabatic calorimeter for samples of less than 1 cm3 in the temperature range T=15 K to T=350 K:	https://www.doi.org/10.1016/j.jct.2006.03.016

Thermodynamic properties of liquid Au-Cu-Sn alloys determined from electromotive force measurements:	https://www.doi.org/10.1016/j.tca.2011.08.011
Enthalpies of mixing of liquid systems for lead free soldering: Cu-Sb-Sn system:	https://www.doi.org/10.1016/j.tca.2010.10.010
Thermodynamic Properties of [C6mim][NTf2] in the Condensed State:	https://www.doi.org/10.1021/je060094d
Low-temperature heat capacities and standard molar enthalpy of formation of the solid-state coordination compound trans-Cu(NH3)2(s) (Aa = Talanine):	https://www.doi.org/10.1016/j.tca.2008.02.024
Vapor Pressure and Evaporation Coefficient Measurements at Elevated Temperatures with a Knudsen Cell and a Quartz Crystal Microbalance: New Data for SiO:	https://www.doi.org/10.1021/je300199a
Standard enthalpy of formation of copper(II) pivalate:	https://www.doi.org/10.1016/j.jct.2018.11.016
Thermodynamic activity measurements in nickel-base industrial alloys and steels by Knudsen cell Mass spectrometry:	https://www.doi.org/10.1016/j.jct.2017.01.015
Thermal conductivity of the tungsten copper composites:	https://www.doi.org/10.1016/j.tca.2012.03.022
Enthalpy of formation of natural hydrous copper sulfate: Chalcanthite:	https://www.doi.org/10.1016/j.jct.2015.12.010
Integral enthalpy of mixing of the liquid ternary Au Cu Sn system:	https://www.doi.org/10.1016/j.tca.2008.01.014
Heat capacity of copper on the ITS-90 temperature scale using adiabatic calorimetry:	https://www.doi.org/10.1016/j.jct.2004.06.008
Phase equilibria and thermodynamics of the Bi Cu In ternary system:	https://www.doi.org/10.1016/j.tca.2009.09.004

Legend

affp:	Proton affinity
basg:	Gas basicity
cps:	Solid phase heat capacity
ea:	Electron affinity
hf:	Enthalpy of formation at standard conditions
hvapt:	Enthalpy of vaporization at a given temperature
ie:	Ionization energy
psub:	Sublimation pressure
pvap:	Vapor pressure
rhol:	Liquid Density
sgb:	Molar entropy at standard conditions (1 bar)
ss:	Solid phase molar entropy at standard conditions
tf:	Normal melting (fusion) point

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