

TABLE 1. Summary of Least Squares Fits to $RH = \sum_{i=0}^3 A_i t^i$ for Selected Saturated Salt Solutions

Salt	A_0	A_1	A_2	A_3	σ	No. of Points	t_{min}	t_{max}	Data Source (a)
Cesium Fluoride	6.20938	-0.143881	0.123037×10^{-2}		0.54	21	5.0	80.0	2, 17
Lithium Bromide	7.75437	-0.0654994	0.420737×10^{-3}		.22	21	0.0	100.0	2, 14
Zinc Bromide	9.28455	-0.0906508	0.118143×10^{-2}		.20	16	5.0	70.0	2, 14
Potassium Hydroxide	16.7049	-0.511352	0.796712×10^{-2}		.28	14	5.0	70.0	2
Sodium Hydroxide	11.5581	-0.132339			.90	24	15.0	75.0	1, 16
Lithium Chloride	11.2323	$+0.00824245$	-0.214890×10^{-3}		.67	100	0.0	100.3	1, 3, 10, 11, 17, 18, 20
Calcium Bromide	23.5670	-0.136117	-0.585836×10^{-2}		.06	7	11.2	25.0	11, 14
Lithium Iodide	22.8216	-0.232642	0.132306×10^{-2}		.05	15	5.0	70.0	2, 14
Potassium Acetate	22.4388	0.152888	-0.612868×10^{-2}		.22	10	11.2	31.0	11, 14, 17
Potassium Fluoride	65.7907	-2.07303	0.305676×10^{-1}		.36	8	25.0	90.0	6, 14
Magnesium Chloride	33.6686	-0.00797397	-0.108988×10^{-2}		.28	48	0.00	99.4	1, 7, 11, 14, 17, 19, 21
Sodium Iodide	42.6040	0.00854045	-0.933320×10^{-2}		.50	25	5.0	90.0	1, 6, 11, 14
Potassium Carbonate	43.1315	0.00147523			.31	9	0.0	30.0	8, 14, 17
Magnesium Nitrate	60.3514	-0.298153			.34	24	0.0	48.1	1, 8, 17, 19, 21
Sodium Bromide	64.7190	-0.221990	-0.402414×10^{-2}		.44	22	5.0	80.0	2, 6, 11, 17
Cobalt Chloride	73.0330	0.0852795	-0.218455×10^{-1}		1.44	17	23.4	78.9	6
Potassium Iodide	74.5466	-0.253167	0.104383×10^{-2}		0.20	12	5.0	90.0	1, 6
Strontium Chloride	78.5322	-0.273114	-0.135136×10^{-2}		.02	7	5.0	30.0	1, 17
Sodium Nitrate	79.5738	-0.193192	-0.122102×10^{-2}		.37	25	5.0	90.0	1, 6, 9, 17
Sodium Chloride	75.5164	0.0398321	-0.265459×10^{-2}		.21	44	0.0	80.0	1, 6, 8, 11, 12, 13, 15, 17, 19, 21
Ammonium Chloride	81.8777	-0.132271			.60	20	11.2	31.0	9, 11
Potassium Bromide	86.6424	-0.332271	0.459734×10^{-2}		.14	11	5.0	80.0	1, 6, 17
Ammonium Sulfate	82.7794	-0.0715320			.40	21	0.4	48.0	1, 6, 8, 9, 12, 17
Potassium Chloride	88.6190	-0.193340	0.899706×10^{-3}		.45	39	0.0	90.0	1, 6, 8, 9, 12, 17
Strontium Nitrate	94.2127	-0.366025			.19	5	5.0	25.0	1
Potassium Nitrate	96.3361	0.0112371	-0.484514×10^{-2}		.80	22	0.6	48.1	9, 17, 19, 21
Potassium Sulfate	98.7792	-0.0590502			.47	18	0.5	52.3	12, 19, 21
Potassium Dichromate	103.934	-0.310163	0.273023×10^{-2}		.22	7	23.7	50.8	12, 17

(a) Numbers correspond to references.