

Properties of Potassium Acetate Solutions

Weight (%)	Density (kg/m ³)	K ⁺ (mg/L)	C ₂ H ₃ O ₂ ⁻ (mg/L)	KC ₂ H ₃ O ₂ (mg/L)	Water (m ³)	Crystallization Point (°C)	Water Activity
1	1004	3,984	6,016	10.0	0.994	0.0	0.99
2	1009	7,967	12,033	20.0	0.989	-0.3	0.98
3	1014	11,951	18,049	29.9	0.984	-0.5	0.97
4	1019	15,935	24,065	40.0	0.979	-	0.96
5	1024	19,918	30,082	49.9	0.974	-	0.95
6	1029	25,040	37,817	62.7	0.966	-	0.94
7	1034	29,593	44,693	74.1	0.960	-	0.93
8	1040	34,146	51,568	85.5	0.954	-	0.92
9	1045	39,837	60,163	99.8	0.945	-	0.91
10	1050	44,390	67,039	111.1	0.938	-	0.90
11	1055	48,943	73,915	122.5	0.932	-	0.89
12	1060	54,634	82,509	136.8	0.923	-	0.88
13	1065	59,186	89,385	148.2	0.917	-	0.87
14	1070	64,877	97,980	162.4	0.907	-	0.86
15	1076	70,568	106,574	176.7	0.898	-	0.85
16	1081	76,259	115,169	191.1	0.889	-	0.84
17	1086	81,950	123,764	205.2	0.880	-	0.83
18	1091	87,641	132,359	219.4	0.871	-	0.82
19	1097	93,332	140,953	233.7	0.863	-	0.81
20	1102	100,162	151,267	250.8	0.851	-	0.80
21	1086	105,853	159,862	265.0	0.820	-	0.79
22	1113	112,682	170,175	282.1	0.830	-	0.78
23	1119	119,511	180,489	299.2	0.819	-	0.77
24	1124	126,340	190,803	316.3	0.807	-17.2	0.76
25	1129	133,169	201,116	333.4	0.795	-	0.75