

Corrections

Activity Coefficient Studies in Ternary Aqueous Solutions at 298.15 K: H₂O + α -Cyclodextrin + Potassium Acetate and H₂O + 18-Crown-6 + Hydroquinone Systems. Santosh Terdale, Dilip Dagade, and Kesharsingh Patil,* *J. Chem. Eng. Data* 2009, 54, 294–300.

Page 296. *Density and Apparent Molar Volume.* In this paragraph, it was stated that the apparent molar volumes were obtained from density data at 298.15 K for aqueous potassium acetate solutions. However, the density data and apparent molar volume of potassium acetate in water + potassium acetate solutions were not reported in Table 1. We now report the density and apparent molar volume data in a corrected Table 1. The last sentence in this paragraph on page 296 should be: The density data and apparent molar volume data for aqueous potassium acetate solutions are given in Table 1, and the variation of $\phi_v - A_v \cdot c^{1/2}$ against c is shown in Figure 3. Consequently, Table 1 should be as below:

Table 1. Density (d), Apparent Molar Volume (ϕ_v) of Potassium Acetate, Water Activity (a_w), Osmotic Coefficient (ϕ), and Activity Coefficient (γ_{\pm}) Data for Molality (m_2) in Water (1) + Potassium Acetate (2) Solutions at 298.15 K

m_2 mol·kg ⁻¹	x_2	d g·cm ⁻³	ϕ_v cm ³ ·mol ⁻¹	ϕ	a_w	γ_1	γ_{\pm}	ΔG_m J·mol ⁻¹	ΔG^E J·mol ⁻¹
0.00000	0.00000	0.997047	—	1.0000	1.00000	1.00000	1.00000	0.00	0.00
0.02009	0.00072	0.997993	51.02	0.9586	0.99931	1.00003	0.87114	-14.93	-0.17
0.04064	0.00146	0.998944	51.39	0.9487	0.99861	1.00007	0.83488	-27.75	-0.47
0.05975	0.00215	0.999839	51.29	0.9442	0.99797	1.00012	0.81408	-38.82	-0.79
0.07966	0.00286	1.000762	51.33	0.9418	0.99730	1.00016	0.79889	-49.80	-1.17
0.09983	0.00358	1.001693	51.38	0.9408	0.99662	1.00021	0.78762	-60.48	-1.58
0.12021	0.00431	1.002619	51.53	0.9409	0.99593	1.00025	0.77907	-70.90	-2.01
0.14036	0.00503	1.003537	51.59	0.9417	0.99525	1.00028	0.77263	-80.90	-2.46
0.16072	0.00576	1.004470	51.60	0.9431	0.99455	1.00031	0.76768	-90.75	-2.92
0.18090	0.00648	1.005389	51.62	0.9449	0.99386	1.00034	0.76398	-100.28	-3.38
0.20147	0.00721	1.006338	51.57	0.9471	0.99315	1.00036	0.76120	-109.78	-3.86

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