

Corrections

Solubility of Ethyl Maltol in Aqueous Ethanol Mixtures.

Bao-Shu Liu,* Run-Jing Liu, Yong-Qi Hu, and Qing-Fu Hu, *J. Chem. Eng. Data* **2008**, *53*, 2712–2714.

There are some typing errors in Table 1 in our published work. Specifically, the column headings of deviations should be $x_1 - x_1^{\text{calc}}$ rather than $10^3(x_1 - x_1^{\text{calc}})$. The solubility data of ethyl maltol (x_1) for 293.15 K at $x_2 = 0.4771$, 0.6100, and 0.7787 should be 0.0462, 0.0624, and 0.0762, respectively. The deviations ($x_1 - x_1^{\text{calc}}$) for 298.15 K at $x_2 = 1.0000$ should be -0.0004 not -0.0015 .

The corrected Table 1 is as follows.

Table 1. Mole Fraction Solubility (x_1) of Ethyl Maltol in Binary Ethanol (2) + Water (3) Solvent Mixtures in the Temperature Range from 293.15 K to 333.15 K

x_2	x_1	$x_1 - x_1^{\text{calc}}$	x_2	x_1	$x_1 - x_1^{\text{calc}}$	x_2	x_1	$x_1 - x_1^{\text{calc}}$
<i>T</i> = 293.15 K								
0.0000	0.0021	0.0000	0.4771	0.0462	-0.0001	0.8814	0.0776	-0.0009
0.1435	0.0115	0.0004	0.6100	0.0624	0.0018	0.9504	0.0715	0.0009
0.2811	0.0246	-0.0009	0.7787	0.0762	-0.0012	1.0000	0.0599	-0.0001
<i>T</i> = 298.15 K								
0.0000	0.0023	0.0000	0.4771	0.0648	-0.0005	0.8814	0.0930	-0.0015
0.1435	0.0152	0.0001	0.6100	0.0799	0.0010	0.9504	0.0902	0.0014
0.2811	0.0373	-0.0002	0.7787	0.0928	0.0000	1.0000	0.0798	-0.0004
<i>T</i> = 303.15 K								
0.0000	0.0027	0.0000	0.4771	0.0847	-0.0022	0.8814	0.1126	-0.0031
0.1435	0.0216	0.0002	0.6100	0.1023	0.0030	0.9504	0.1097	0.0012
0.2811	0.0540	-0.0002	0.7787	0.1142	0.0006	1.0000	0.0974	0.0002
<i>T</i> = 308.15 K								
0.0000	0.0033	0.0000	0.4771	0.1185	-0.0008	0.8814	0.1620	0.0008
0.1435	0.0319	0.0001	0.6100	0.1341	0.0011	0.9504	0.1486	-0.0018
0.2811	0.0804	-0.0002	0.7787	0.1551	-0.0003	1.0000	0.1329	0.0009
<i>T</i> = 313.15 K								
0.0000	0.0040	0.0000	0.4771	0.1672	-0.0034	0.8814	0.1871	-0.0074
0.1435	0.0466	0.0006	0.6100	0.1761	0.0005	0.9504	0.1811	-0.0049
0.2811	0.1221	-0.0003	0.7787	0.1987	0.0096	1.0000	0.1739	0.0048
<i>T</i> = 318.15 K								
0.0000	0.0051	0.0000	0.4771	0.2200	-0.0084	0.8814	0.2445	-0.0054
0.1435	0.0733	0.0013	0.6100	0.2271	0.0069	0.9504	0.2340	-0.0083
0.2811	0.1878	-0.0005	0.7787	0.2426	0.0061	1.0000	0.2272	0.0067
<i>T</i> = 323.15 K								
0.0000	0.0067	-0.0001	0.4771	0.2856	-0.0082	0.8814	0.3126	-0.0091
0.1435	0.1182	0.0055	0.6100	0.2808	0.0113	0.9504	0.3020	-0.0112
0.2811	0.2699	-0.0105	0.7787	0.3024	0.0067	1.0000	0.2907	0.0100
<i>T</i> = 328.15 K								
0.0000	0.0089	-0.0001	0.4771	0.3592	-0.0164	0.8814	0.3968	-0.0184
0.1435	0.1573	0.0053	0.6100	0.3577	0.0142	0.9504	0.3857	-0.0145
0.2811	0.3636	-0.0064	0.7787	0.3976	0.0163	1.0000	0.3669	0.0140
<i>T</i> = 333.15 K								
0.0000	0.0126	-0.0002	0.4771	0.4495	-0.0204	0.8814	0.4724	-0.0238
0.1435	0.1976	0.0094	0.6100	0.4490	0.0210	0.9504	0.4649	-0.0200
0.2811	0.4370	-0.0144	0.7787	0.4799	0.0200	1.0000	0.4594	0.0198

We apologize for our careless omission and thank Jouyban and Acree for pointing out our mistakes.

JE9000729

10.1021/je9000729

Published on Web 02/17/2009