

# Measurement of Activity Coefficients at Infinite Dilution Technique

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Citation Report

#	ARTICLE	IF	CITATIONS
3	Determination of Activity Coefficients at Infinite Dilution of Solutes in the Ionic Liquid 1-Hexyl-3-methylimidazolium Tetrafluoroborate Using Gas-Liquid Chromatography at the Temperatures 298.15 K and 323.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2003, 48, 1587-1590.	1.0	105
4	Activity Coefficients at Infinite Dilution of Organic Solutes in 1-Hexyl-3-methylimidazolium Hexafluorophosphate from Gas-Liquid Chromatography. <i>Journal of Chemical &amp; Engineering Data</i> , 2003, 48, 708-711.	1.0	127
5	Molecular Force Field for Ionic Liquids Composed of Triflate or Bistriflylimide Anions. <i>Journal of Physical Chemistry B</i> , 2004, 108, 16893-16898.	1.2	875
6	Measurement and correlation of vapor-liquid equilibria and excess enthalpies of binary systems containing ionic liquids and hydrocarbons. <i>Fluid Phase Equilibria</i> , 2004, 224, 47-54.	1.4	215
7	Activity coefficients at infinite dilution of various solutes in the ionic liquids [MMIM]+[CH <sub>3</sub> SO <sub>4</sub> ] <sup>-</sup> , [MMIM]+[CH <sub>3</sub> OC <sub>2</sub> H <sub>4</sub> SO <sub>4</sub> ] <sup>-</sup> , [MMIM]+[(CH <sub>3</sub> ) <sub>2</sub> PO <sub>4</sub> ] <sup>-</sup> , [C <sub>5</sub> H <sub>5</sub> NC <sub>2</sub> H <sub>5</sub> ]+[(CF <sub>3</sub> SO <sub>2</sub> ) <sub>2</sub> N] <sup>-</sup> and [C <sub>5</sub> H <sub>5</sub> NH]+[C <sub>2</sub> H <sub>5</sub> OC <sub>2</sub> H <sub>4</sub> O <sub>3</sub> SO <sub>3</sub> ] <sup>-</sup> . <i>Fluid Phase Equilibria</i> , 2004, 226, 37-44.	1.4	184
8	Chromatographic and spectroscopic methods for the determination of solvent properties of room temperature ionic liquids. <i>Journal of Chromatography A</i> , 2004, 1037, 49-82.	1.8	593
9	Mixing Schemes in Ionic Liquid-H <sub>2</sub> O Systems: A Thermodynamic Study. <i>Journal of Physical Chemistry B</i> , 2004, 108, 19451-19457.	1.2	191
10	Liquid Phase Behavior of Imidazolium-Based Ionic Liquids with Alcohols. <i>Journal of Physical Chemistry B</i> , 2004, 108, 5113-5119.	1.2	374
11	Predicting Infinite-Dilution Activity Coefficients of Organic Solutes in Ionic Liquids. <i>Industrial &amp; Engineering Chemistry Research</i> , 2004, 43, 1039-1048.	1.8	85
12	Modeling of Activity Coefficients of Aqueous Solutions of Quaternary Ammonium Salts with the Electrolyte-NRTL Equation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2004, 43, 815-825.	1.8	76
13	Liquid phase behaviour of 1-hexyloxymethyl-3-methyl-imidazolium-based ionic liquids with hydrocarbons: The influence of anion. <i>Journal of Chemical Thermodynamics</i> , 2005, 37, 577-585.	1.0	78
14	Volumetric properties of room temperature ionic liquid 2. <i>Journal of Chemical Thermodynamics</i> , 2005, 37, 1250-1255.	1.0	73
15	Recent developments in thermodynamics and thermophysics of non-aqueous mixtures containing ionic liquids. A review. <i>Journal of Chemical Thermodynamics</i> , 2005, 37, 525-535.	1.0	360
16	Systems with ionic liquids: Measurement of VLE and <sup>13</sup> C data and prediction of their thermodynamic behavior using original UNIFAC, mod. UNIFAC(Do) and COSMO-RS(OI). <i>Journal of Chemical Thermodynamics</i> , 2005, 37, 603-619.	1.0	388
17	Selection of ionic liquids for the extraction of aromatic hydrocarbons from aromatic/aliphatic mixtures. <i>Fuel Processing Technology</i> , 2005, 87, 59-70.	3.7	341
18	Measurement and prediction of vapor-liquid equilibria of ternary systems containing ionic liquids. <i>Fluid Phase Equilibria</i> , 2005, 227, 255-266.	1.4	146
19	Measurement and correlation of vapor-liquid equilibria of binary systems containing the ionic liquids [EMIM] [(CF <sub>3</sub> SO <sub>2</sub> ) <sub>2</sub> N], [BMIM] [(CF <sub>3</sub> SO <sub>2</sub> ) <sub>2</sub> N], [MMIM] [(CH <sub>3</sub> ) <sub>2</sub> PO <sub>4</sub> ] and oxygenated organic compounds respectively water. <i>Fluid Phase Equilibria</i> , 2005, 231, 38-43.	1.4	152
20	Determination of activity coefficients at infinite dilution of organic solutes in the ionic liquid, trihexyl(tetradecyl)-phosphonium tris(pentafluoroethyl) trifluorophosphate, by gas-liquid chromatography. <i>Fluid Phase Equilibria</i> , 2005, 235, 11-17.	1.4	56

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22	Activity coefficients at infinite dilution measurements for organic solutes in the ionic liquid 1-hexyl-3-methyl-imidazolium bis(trifluoromethylsulfonyl)-imide using g.l.c. at T=(298.15, 313.15, and) Tj ETQq1 1 0.784314 1gBT /Overlock 10 T	1.0	108
23	Electrolytic conductivity of four imidazolium-based room-temperature ionic liquids and the effect of a water impurity. <i>Journal of Chemical Thermodynamics</i> , 2005, 37, 569-575.	1.0	290
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26	Determination of Activity Coefficients at Infinite Dilution of Solutes in the Ionic Liquid 1-Butyl-3-methylimidazolium Octyl Sulfate Using Gas <sup>^</sup> Liquid Chromatography at a Temperature of 298.15 K, 313.15 K, or 328.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2005, 50, 1294-1298.	1.0	64
27	Determination of Activity Coefficients at Infinite Dilution of Polar and Nonpolar Solutes in the Ionic Liquid 1-Ethyl-3-methyl- imidazolium Bis(trifluoromethylsulfonyl) Imidate Using Gas <sup>^</sup> Liquid Chromatography at the Temperature 303.15 K or 318.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2005, 50, 105-108.	1.0	97
28	Opportunities for Membrane Separation Processes Using Ionic Liquids. <i>ACS Symposium Series</i> , 2005, , 97-110.	0.5	6
29	Thermodynamic Properties of Mixtures Containing Ionic Liquids. 4. LLE of Binary Mixtures of [C2MIM][NTf2] with Propan-1-ol, Butan-1-ol, and Pentan-1-ol and [C4MIM][NTf2] with Cyclohexanol and 1,2-Hexanediol Including Studies of the Influence of Small Amounts of Water. <i>Journal of Chemical &amp; Engineering Data</i> , 2005, 50, 956-960.	1.0	80
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32	Thermodynamic Properties of Mixtures Containing Ionic Liquids. 5. Activity Coefficients at Infinite Dilution of Hydrocarbons, Alcohols, Esters, and Aldehydes in 1-Methyl-3-butyl-imidazolium Bis(trifluoromethyl-sulfonyl) Imide Using Gas <sup>^</sup> Liquid Chromatography. <i>Journal of Chemical &amp; Engineering Data</i> , 2005, 50, 1510-1514.	1.0	105
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