



Corrigendum

Corrigendum to “Volumetric properties of the isopropanolamine–water mixture at atmospheric pressure from 283.15 to 353.15 K” [Thermochim. Acta 440 (2006) 122–128]

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In the abstract of a recent paper published by Jaime D. Gomes de Oliveira and Joao Carlos R. Reis [Thermochim. Acta 468 (2008) 119–123], we can read: “It is demonstrated that the recently published data for this aminoalkanol [S. Mokraoui, A. Valtz, C. Coquelet, D. Richon, Thermochim. Acta 440 (2006) 122–128] were ill-treated and recalculated limiting values are given, which increase with increasing temperature.”

These authors are right for the values given in Table 5 concerning partial molar volumes and partial molar excess volumes at infinite dilution volume. Unfortunately there was an error in our Excel spreadsheet to calculate partial molar volumes and the two last columns of Table 5 were swapped.

All the right values are given in Table 1 in replacement of Table 5 of our concerned previous paper.

Table 1

Partial molar volumes and partial molar excess volumes at infinite dilution as a function of temperature for the IPA (1)–H₂O (2) system

T (K)	\bar{v}_2^∞ (cm ³ mol ⁻¹)	\bar{v}_1^∞ (cm ³ mol ⁻¹)	$(\bar{v}_2^E)^\infty$ (cm ³ mol ⁻¹)	$(\bar{v}_1^E)^\infty$ (cm ³ mol ⁻¹)
283.15	14.7 ₃	74.8 ₆	-3.2 ₉	-2.7 ₁
288.15	14.7 ₉	75.0 ₇	-3.2 ₄	-2.8 ₁
293.15	14.8 ₃	75.2 ₉	-3.2 ₂	-2.9 ₂
298.15	14.8 ₉	75.5 ₁	-3.1 ₈	-3.0 ₃
303.15	14.9 ₃	75.7 ₃	-3.1 ₆	-3.1 ₄
308.15	15.0 ₀	75.9 ₆	-3.1 ₂	-3.2 ₅
313.15	15.0 ₆	76.2 ₀	-3.1 ₀	-3.3 ₅
318.15	15.0 ₉	76.4 ₅	-3.1 ₁	-3.4 ₄
323.15	15.1 ₃	76.7 ₁	-3.1 ₀	-3.5 ₃
328.15	15.2 ₁	76.9 ₈	-3.0 ₇	-3.6 ₂
333.15	15.2 ₅	77.2 ₆	-3.0 ₇	-3.7 ₀
338.15	15.2 ₉	77.5 ₆	-3.0 ₉	-3.7 ₈
343.15	15.3 ₄	77.8 ₆	-3.0 ₉	-3.8 ₅
348.15	15.4 ₀	78.1 ₇	-3.0 ₈	-3.9 ₃
353.15	15.4 ₆	78.4 ₈	-3.0 ₈	-4.0 ₁

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