

Corrigendum

Corrigendum to “ Thermophysical characterization of 1-ethylpyridinium triflate and comparison with similar ionic liquids” [Journal of Chemical Thermodynamics 103 (2016) 395–402]

María García-Andreu[†], Miguel Castro[‡], Ignacio Gascón[†], Carlos Lafuente[†]

[†]Departamento de Química Física, Facultad de Ciencias, Universidad de Zaragoza, C/Pedro Cerbuna 12, 50009 Zaragoza (Spain)

[‡]Instituto de Ciencia de Materiales de Aragón, Universidad de Zaragoza-CSIC, C/María de Luna 3, 50018 Zaragoza (Spain)

The authors regret < Due to a mistake in the calibration of one of the viscosity capillaries, an error has been detected in the viscosities of 1-ethylpyridinium triflate>. The authors would like to apologise for any inconvenience caused.

Table 2. Kinematic viscosities, ν , and dynamic viscosities, η , of [epy][CF₃SO₃] at $p = 0.1$ MPa as a function of temperature. ^a

T / K	$\nu / (\text{mm}^2 \cdot \text{s}^{-1})$	$\eta / (\text{mPa} \cdot \text{s})$
293.15 ^b	60.505	85.258
295.65 ^b	54.289	76.389
298.15 ^b	48.847	68.632
300.65	44.059	61.812
303.15	39.888	55.879
305.65	36.227	50.676
308.15	33.022	46.125
310.65	30.216	42.144
313.15	27.577	38.408
315.65	25.344	35.246
318.15	23.297	32.351
320.65	21.485	29.791
323.15	19.881	27.527
325.65	18.389	25.422
328.15	17.063	23.555

Table 2. Continued

T / K	$\nu / (\text{mm}^2 \cdot \text{s}^{-1})$	$\eta / (\text{mPa} \cdot \text{s})$
330.65	15.860	21.862
333.15	14.789	20.356
335.65	13.800	18.966
338.15	12.939	17.757

^a Standard uncertainties u are $u(T) = 0.01 \text{ K}$, $u(p) = 0.5 \text{ kPa}$, and the combined expanded uncertainties U_c are $U_c(\nu) = 1 \%$, $U_c(\eta) = 1 \%$, with a 0.95 level of confidence ($k \approx 2$). ^b Supercooled liquid.

Table 4. Fitting parameters and relative root-mean square deviations, $RMSD_r$, for the dynamic viscosity.

Property	A	B	C	$RMSD_r / \%$
$\eta / (\text{mPa} \cdot \text{s})$	0.0716	1117.7	135.35	0.11

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<Carlos Lafuente, Departamento de Química Física, Facultad de Ciencias, Universidad de Zaragoza, C/Pedro Cerbuna 12, 50009 Zaragoza (Spain)>

<celadi@unizar.es >