Electronic Supplementary Material (ESI) for RSC Advances.

Composition effect on the aggregate/solution interface of a nematic lyotropic liquid crystal.

A.R. Ruiz-Fernández[†,‡], J.J. López-Cascales[‡,*], J.J. Giner-Casares[Ⓢ], R. Araya-Maturana[§], F.G. Díaz-Baños[£], and B.E. Weiss-López[†,*]

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† Universidad de Chile, Facultad de Ciencias, Departamento de Química, Casilla 653, Santiago, Chile.
Ⓢ CIC biomaGUNE, Biofunctional Nanomaterials - Laboratory 6 Parque tecnológico de San Sebastián, Ed. Miramón 182, Guipúzcoa, 20009 Donostia - San Sebastián, Spain
‡ Universidad Politécnica de Cartagena, Grupo de Bioinformática y Macromoléculas (BioMac), Area de Química Física Aulario II, Campus de Alfonso XIII, 30203 Cartagena, Murcia, Spain.
§ Universidad de Talca, Instituto de Química de Recursos Naturales, Casilla 747, Talca, Chile.
£ Uni. de Murcia, Fac. de Química, Dep. de Química Física, Campus de Espinardo, 30100 Espinardo, Murcia, Spain.

* To whom correspondence should be addressed: javier.lopez@upct.es and bweiss@uchile.cl.

1 Supplementary information

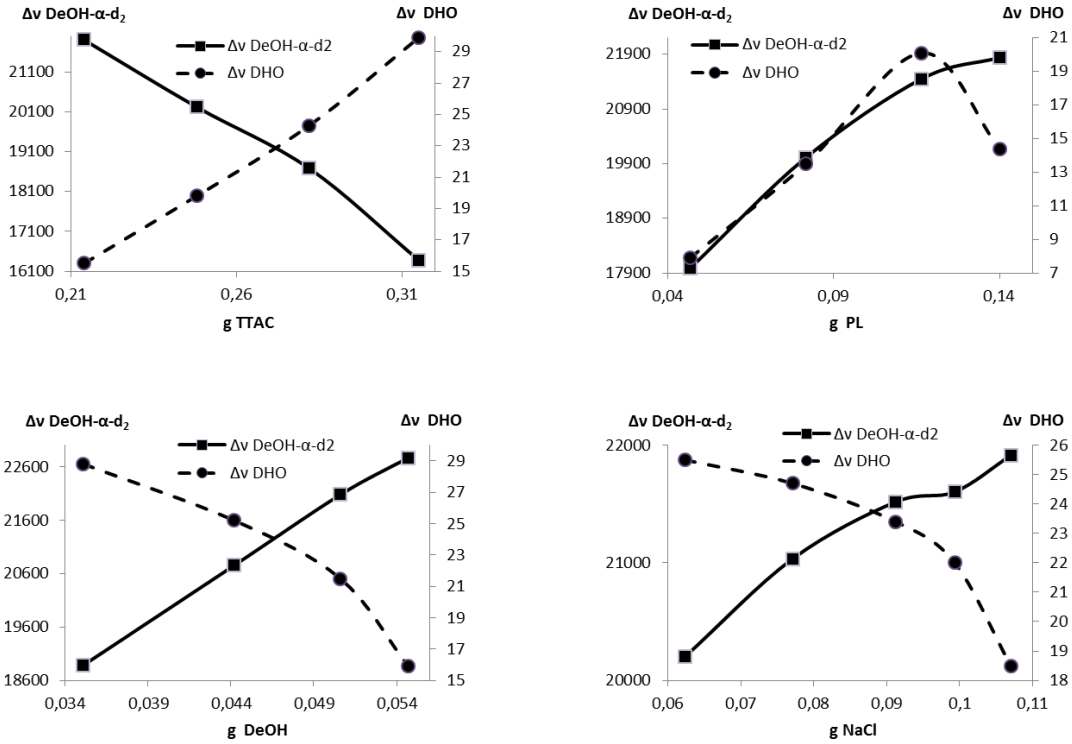

Figure 1: $\Delta\nu_q$ of DeOH-α-d_2 and DHO as a function of TTAC, PL, DeOH and NaCl content.

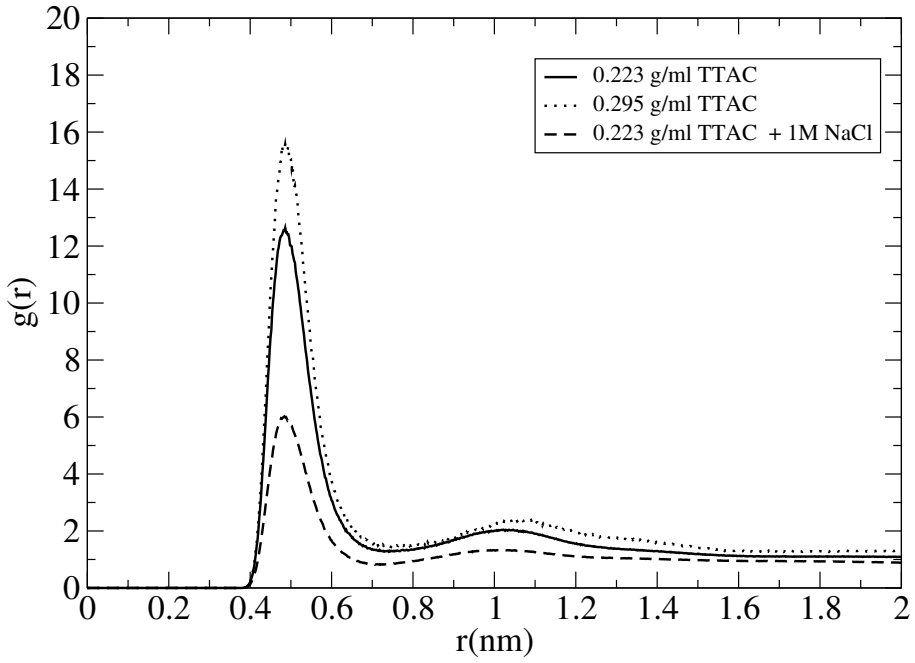

Figure 2: Radial distribution function of Chloride ions around nitrogen atoms in TTAC, for the three cases studied in this work. System 1 (0.223 g/ml TTAC), system 2 (0.295 g/ml TTAC) and system 3 (0.223 g/ml TTAC + 1M NaCl).