Electronic Supplementary Material (ESI) for New Journal of Chemistry.

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Supplementary information

NJ-ART-06-2023-002840.R1

Diglycolamic acid for the mutual separation of lanthanides and actinides from dilute nitric acid solution: solvent extraction, dynamic light scattering, and spectroscopic investigations

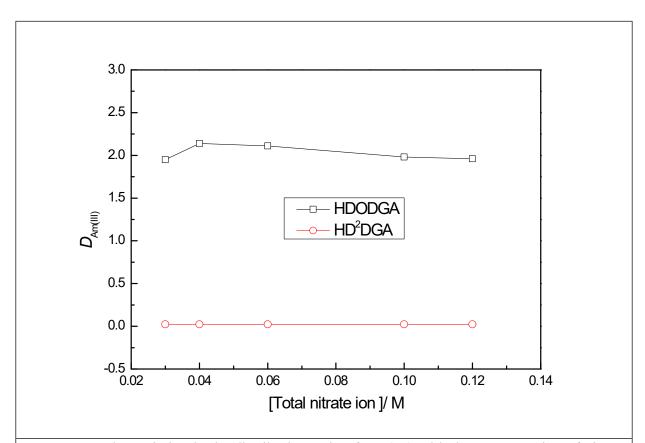


Figure S 1. The variation in the distribution ratio of Am(III) with the concentration of nitrate ion in the aqueous phase at 298 K. Organic phase: 0.05 M HDODGA-30% isodecyl alcohol/*n*-dodecane or 0.05 M HD²DGA-30% isodecyl alcohol/*n*-dodecane. Aqueous phase: Nitric acid solution (0.02 M) containing sodium nitrate varied from 0.01 M to 0.1 M spiked with ²⁴¹Am(III) tracer.