

Certificate of Analysis

Product Name: 1-Butyl-3-methylimidazolium octylsulfate (BMIM-OcSO₄)
Quality: technical
Product Number: 00207.4000
Empirical Formula: C₁₆H₃₂N₂O₄S
Molecular Weight: 348,50 g*mol⁻¹
CAS Number: 445473-58-5

Quantity: 4,5 kg
LOT Number: 17PI079

TEST	SPEZIFICATION	LOT RESULT
assay BMIM ⁺ (HPLC)	≥ 95,0 wt%	95,2 wt%
assay free base (Titration)	< 2 wt%	0,25 wt%
assay F ⁻ (IC)	< 100 ppm	not detectable (< 1 ppm)
assay Cl ⁻ (IC)	< 100 ppm	not detectable (< 1 ppm)
assay H ₂ O (Karl-Fisher Titration)	< 2,0 wt%	0,16 wt%
aspect	almost clear to turbid	slightly turbid

QC Release Date October 19th, 2016


 Quality Management