

Certificate of Analysis

Product name *1-Ethyl-3-methylimidazolium diethylphosphate*

PI product number 00106.3000

Purity purum

Molecular formula C₁₀H₂₁N₂O₄P

Molecular weight 264.26 g*⁻¹mol⁻¹

CAS Number 848641-69-0

LOT Number 17PI231_3

CHARACTERISTIC	SPEZIFICATION	LOT RESULT
assay EMIM ⁺ , HPLC	≥ 98.0 %w	99.31 ± 0.29 %w
assay DEP ⁻ , IC	≥ 98.0 %w	99.19 ± 0.48 %w
halides, IC	< 50 ppm _w	< 5 ppm _w
assay H ₂ O, Karl Fischer titration	< 0.5 %w	0.13 ± 0.02 %w
assay free base, HPLC	< 0.5 %w	0.24 ± 0.01 %w
aspect, acc. to Ph. Eur. 5.0	clear liquid	clear liquid
color, acc. to Ph. Eur. 5.0	colorless to yellow	yellow

QC Release Date

2018-07-04



 Quality Executive



 Quality Assurance