

Certificate of Analysis

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

PI product number 00120.4000

Purity techn.

Molecular formula C₁₃H₁₈N₂O₃S

Molecular weight 282.36 g*⁻¹mol⁻¹

CAS Number 328090-25-1

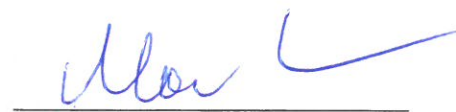
LOT Number 17PI267_fin

CHARACTERISTIC	SPEZIFICATION	LOT RESULT
assay EMIM ⁺ , HPLC	≥ 95.0 %w	97.37 ± 0.06 %w
assay TOS ⁻ , IC	≥ 95.0 %w	96.70 ± 0.01 %w
halides, IC	< 100 ppm _w	< 5 ppm _w
assay H ₂ O, Karl Fischer titration	< 2.0 %w	0.088 ± 0.002 %w
aspect, acc. to Ph. Eur. 5.0	clear to slightly turbid liquid	clear
color, acc. to Ph. Eur. 5.0	colorless to slightly yellow	slightly yellow

QC Release Date 2019-11-6



 Quality Executive



 Quality Assurance