



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-222711
Lot Number: SAMPLE
Product Name: 1-Methyl-3-octylimidazolium hexafluorophosphate
CAS Number: 304680-36-2
Molecular Formula: $C_{12}H_{23}N_2 \cdot PF_6$
Molecular Weight: 340.29

Test	Specification	Result
Purity	$\geq 98.0\%$ (with Total Nitrogen)	101.5%
Purity (HPLC)	$\geq 98.0\%$	99.5%
Specific Gravity	1.2390 - 1.2430	1.2421
Refractive Index (n _{20/D})	1.4220 - 1.4260	1.4237

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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