



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-237547
Lot Number: SAMPLE
Product Name: 1-Ethyl-3-methylimidazolium nitrate
CAS Number: 143314-14-1
Molecular Formula: $C_6H_{11}N_3O_3$
Molecular Weight: 173.17

Test	Specification	Result
Appearance	White to beige solid	Complies
Identification (NMR)	Passes	Complies
Identification (Infrared Spectrum)	Passes	Complies
Purity (NMR)	> 98%	Complies
Purity (IC)	Nitrate: > 98%	Nitrate: 99.5%
Purity (IC)	halides: < 100 ppm	Complies
Purity (IC)	1-Ethyl-3-methylimidazolium: >98%	1-Ethyl-3-methylimidazolium: 99.8%
Water Content (KF)	< 500 ppm	430 ppm

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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