

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-30 13:42:08  
Date of Next Testing: 2026-03-29 13:42:08  
Product Name: **1-Ethyl-3-methylimidazolium Hydrogen Sulfate**  
CAS Number: 412009-61-1  
Specifications & Purity: 98%  
Lot #: C2222389  
SKU #: **E121210**  
**Analysis:** **073328**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.371-1.377	1.37
Refractive index n <sub>20</sub> /D	1.496-1.5	1.50
Purity( total nitrogen )	98-100 (%)	99.89 %
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager