

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-10 16:27:56
Date of Next Testing: 2026-03-09 16:27:56
Product Name: **1-Ethyl-3-methylimidazolium Hydrogen Sulfate**
CAS Number: 412009-61-1
Specifications & Purity: 98%
Lot #: C2205491
SKU #: **E121210**
Analysis: **081702**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.371-1.377	1.37
Refractive index n ₂₀ /D	1.496-1.5	1.50
Purity(total nitrogen)	98-100 (%)	99.95 %
Proton NMR spectrum	Conforms to structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager