

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-26 16:25:20

Date of Next Testing: 2025-04-25 16:25:20

Product Name: **1-Ethyl-3-methylimidazolium acetate**

CAS Number: 143314-17-4

Specifications & Purity: 97%

Lot #: D2321273

SKU #: **W131887**

Analysis: **208482**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water(Coulometr.)	0-2 (%)	1.32 %
Refractive index n ₂₀ /D	1.494-1.504	1.50
Purity(HPLC)(Total of Ion-Pair)	97-100 (%)	98.82 %
Density (20°C)	1.101-1.105	1.10
Appearance (W131887)	Colorless to Dark Yellow or Dark Brown Liquid	Colorless to Dark Yellow or Dark Brown Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager