

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-09 10:43:58
Date of Next Testing: 2026-06-29 10:43:58
Product Name: **1,2-Dimethyl-3-propylimidazolium Iodide**
CAS Number: 218151-78-1
Specifications & Purity: 98%
Lot #: J2213531
SKU #: **D119483**
Version: **0**
Analysis #: **383506**
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter | Limit Values | Result |
|--|------------------------------------|------------------------------------|
| Purity(HPLC) | 98-100 (%) | 98.04000 % |
| Nitrogen by Elemental Analysis (anhydrous) | 10.1-10.8 (%) | 10.40 % |
| Carbon by Elemental Analysis(anhydrous) | 35-36.1 (%) | 35.02 % |
| Purity(Nonaqueous Titration) | 97.5-102.5 (%) | 100.18 % |
| Appearance (D119483) | White to yellow powder or crystals | White to yellow powder or crystals |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager