

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-01 19:13:22
 Date of Next Testing: 2027-02-28 19:13:22
 Product Name: **1-Ethyl-3-methylimidazolium Dicyanamide (EMIMDCA)**
 CAS Number: 370865-89-7
 Specifications & Purity: $\geq 98\%$
 Lot #: B2324271
 SKU #: **E121213**
 Version: **2**
 Analysis #: **185393**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.513-1.517	1.51360
Density (20°C)	1.106-1.115	1.11100
Purity(HPLC)	98-100 (%)	98.12800 %
Appearance (E121213)	Colorless to yellow liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager