

Certificate of Analysis

Date of Testing: 2025-05-20 15:32:03

Date of Next Testing: 2029-05-19 15:32:03

Product Name: **1-Butyl-3-methylimidazolium dicyanamide**

CAS Number: 448245-52-1

Specifications & Purity: $\geq 97\%$

Lot #: H2114045

SKU #: **B102303**

Version: **1**

Analysis #: **511482**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.70000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(B102303)	Colorless to yellow to very dark yellow to red to green clear liquid	Colorless to yellow to very dark yellow to red to green clear liquid



John Su
QA & QC Manager