

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-19 12:17:48
 Date of Next Testing: 2028-09-18 12:17:48
 Product Name: **1-Ethyl-3-methylimidazolium Chloride**
 CAS Number: 65039-09-0
 Specifications & Purity: $\geq 98\%$
 Lot #: I2411346
 SKU #: **E120488**
 Version: **3**
 Analysis #: **405254**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.52600 %
Melting point	75-87 (°C)	81.69000 °C
Nitrogen by Elemental Analysis	18.35-19.5 (%)	18.36000 %
Appearance (E120488)	White to Yellow to Green Powder, Crystals or Chunks	White to Yellow to Green Powder, Crystals or Chunks
Solubility in H ₂ O	Almost transparency	almost transparency
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager