

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-11 13:30:40
 Date of Next Testing: 2028-10-10 13:30:40
 Product Name: **1-hexadecyl-3-methylimidazolium bromide**
 CAS Number: 132361-22-9
 Specifications & Purity: $\geq 99\%$
 Lot #: L2214269
 SKU #: **H302396**
 Version: **1**
 Analysis #: **579593**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	98.5-102.5 (%)	99.80 %
Appearance(H302396)	Almost white to yellow brown powder to crystal	Almost white to yellow brown powder to crystal
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager