

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-12 14:59:58

Date of Next Testing: 2025-10-11 14:59:58

Product Name: **1-Butyl-3-vinylimidazolium bromide**

CAS Number: 1033461-45-8

Specifications & Purity: 98%

Lot #: J2210394

SKU #: **B302110**

Analysis: **115004**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.58200 %
Assay(Titration by AgNO ₃)	97.5-102.5 (%)	101.26 %
Appearance (B302110Form)	Powder	Powder
Appearance (B302110Color)	white to yellow to brown	White to yellow to brown
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager