

Certificate of Analysis

Date of Testing: 2023-11-24 09:21:58
 Date of Next Testing: 2026-11-23 09:21:58
 Product Name: **1-butyl-3-vinylimidazolium tetrafluoroborate**
 CAS Number: 1033461-44-7
 Specifications & Purity: $\geq 99\%$
 Lot #: L2031503
 SKU #: **M302109**
Analysis: **297148**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.42400 %
Appearance (M302109Color)	Colorless to Pale yellow to Brownish Yellow	Colorless to Pale yellow to Brownish Yellow
Appearance (M302109Form)	Liquid	Liquid
Fluorine NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager