

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-21 13:46:40  
Date of Next Testing: 2026-01-20 13:46:40  
Product Name: **O-(6-Chloro-1-hydrocibenzotriazol-1-yl)- -1,1,3,3-tetramethyluronium tetrafluoroborate**  
CAS Number: 330641-16-2  
Specifications & Purity: 98%  
Lot #: C1827131  
SKU #: **C113347**  
Analysis: **068897**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Melting point	198-204 (°C)	198.33000 °C
Purity(HPLC)	98-100 (%)	99.91400 %
Nitrogen by Elemental Analysis	19.3-19.9 (%)	19.60 %
Appearance (C113347)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager