

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-08 13:43:50
 Date of Next Testing: 2027-09-07 13:43:50
 Product Name: **HATU**
 CAS Number: 148893-10-1
 Specifications & Purity: $\geq 99\%$
 Lot #: I2306494
 SKU #: **H109327**
 Version: **0**
 Analysis #: **254942**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	183-186 (°C)	183.02000 °C
Carbon by Elemental Analysis	30.5-32.7 (%)	31.10000 %
Nitrogen by Elemental Analysis	21.3-22.9 (%)	21.60000 %
Purity(HPLC)	99-100 (%)	99.08500 %
Appearance (H109327)	White to Off-White Powder and/or Lumps	White to Off-White Powder and/or Lumps
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
 QA & QC Manager