

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-09 14:21:28
Date of Next Testing: 2026-07-08 14:21:28
Product Name: **HATU**
CAS Number: 148893-10-1
Specifications & Purity: 99%
Lot #: G2201310
SKU #: **H109327**
Analysis: 094078
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter | Limit Values | Result |
|--------------------------------|--|--|
| Carbon by Elemental Analysis | 30.5-32.7 (%) | 31.81 % |
| Nitrogen by Elemental Analysis | 21.3-22.9 (%) | 22.24 % |
| Purity(HPLC) | 99-100 (%) | 99.10300 % |
| Melting point | 183-186 (°C) | 185.90000 °C |
| 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