

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-15 16:44:07

Date of Next Testing: 2028-05-14 16:44:07

Product Name: **HATU**

CAS Number: 148893-10-1

Specifications & Purity:  $\geq 99\%$

Lot #: E2414086

SKU #: **H109327**

Version: **0**

Analysis #: **351873**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                      | Limit Values                           | Result                                 |
|--------------------------------|----------------------------------------|----------------------------------------|
| Melting point                  | 183-186 (°C)                           | 185.69000 °C                           |
| Purity(HPLC)                   | 99-100 (%)                             | 99.49300 %                             |
| Carbon by Elemental Analysis   | 30.5-32.7 (%)                          | 30.60 %                                |
| Nitrogen by Elemental Analysis | 21.3-22.9 (%)                          | 21.35 %                                |
| 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