

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-02-26 13:52:55  
 Date of Next Testing: 2030-02-25 13:52:55  
 Product Name: **XTT sodium salt**  
 CAS Number: 111072-31-2  
 Specifications & Purity:  $\geq 90\%$   
 Lot #: B2624491  
 SKU #: **X100982**  
 Version: **0**  
 Analysis #: **643536**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                                             | Limit Values  | Result        |
|---------------------------------------------------------------------------------------|---------------|---------------|
| Water by Karl Fischer                                                                 | 0-15 (%)      | 7.84520 %     |
| Purity(TLC)                                                                           | 90-100 (%)    | 99.84700 %    |
| Carbon by Elemental Analysis(anhydrous)                                               | 37.5-41 (%)   | 38.45000 %    |
| Nitrogen by Elemental Analysis (anhydrous)                                            | 13.8-15.3 (%) | 14.29000 %    |
| Sodium (Na)(anhydrous)                                                                | 2.5-4 (%)     | 2.51000 %     |
| Appearance (X100982)                                                                  | yellow powder | yellow powder |
| Solubility in hot H <sub>2</sub> O , Yellow to Green,Clear to Slightly Hazy,2.5 mg/ml | pass          | Pass          |



John Su  
QA & QC Manager