

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-07 14:23:08  
Date of Next Testing: 2029-11-06 14:23:08  
Product Name: **XTT sodium salt**  
CAS Number: 111072-31-2  
Specifications & Purity:  $\geq 90\%$   
Lot #: J2529705  
SKU #: **X100982**  
Version: **0**  
Analysis #: **590670**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-15 (%)	6.26 %
Purity(TLC)	90-100 (%)	99.45 %
Carbon by Elemental Analysis(anhydrous)	37.5-41 (%)	37.83 %
Nitrogen by Elemental Analysis (anhydrous)	13.8-15.3 (%)	13.81 %
Sodium (Na)(anhydrous)	2.5-4 (%)	2.50 %
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