

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-07 14:12:01

Date of Next Testing: 2029-11-06 14:12:01

Product Name: **XTT sodium salt**

CAS Number: 111072-31-2

Specifications & Purity: $\geq 90\%$

Lot #: J2529706

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 (%)	6.25740 %
Purity(TLC)	90-100 (%)	99.44600 %
Carbon by Elemental Analysis(anhydrous)	37.5-41 (%)	37.83000 %
Nitrogen by Elemental Analysis (anhydrous)	13.8-15.3 (%)	13.81000 %
Sodium (Na)(anhydrous)	2.5-4 (%)	2.50000 %
Appearance (X100982)	yellow powder	yellow powder
Solubility in hot H ₂ O , Yellow to Green,Clear to Slightly Hazy,2.5 mg/ml	pass	Pass



John Su
QA & QC Manager