

Certificate of Analysis

Date of Testing: 2025-02-14 14:26:22
Date of Next Testing: 2029-02-13 14:26:22
Product Name: **XTT sodium salt**
CAS Number: 111072-31-2
Specifications & Purity: $\geq 90\%$
Lot #: B2510521
SKU #: **X100982**
Version: **0**
Analysis #: **456733**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(TLC)	90-100 (%)	99.08 %
Water by Karl Fischer	0-15 (%)	12.23 %
Carbon by Elemental Analysis(anhydrous)	37.5-41 (%)	38.84 %
Nitrogen by Elemental Analysis (anhydrous)	13.8-15.3 (%)	14.23 %
Sodium (Na)(anhydrous)	2.5-4 (%)	2.50 %
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