

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-05 14:38:43
Date of Next Testing: 2027-12-04 14:38:43
Product Name: **Thiazolyl Blue Tetrazolium Bromide**
CAS Number: 298-93-1
Specifications & Purity: 98%
Lot #: K2329091
SKU #: **T100896**
Analysis: **301699**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	97.5-102.5 (%)	99.77 %
Purity(HPLC)	98-100 (%)	99.82000 %
Loss on drying	0-1 (%)	0.14 %
Appearance (T100896)	Yellow to Orange Solid, Powder or Crystals	Yellow to Orange Solid, Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Sensitiveness	passe test	passe test
Solubility in H ₂ O , Yellow to Yellow-Green, Clear; c = 5mg/ml (0.5 %)	pass	Pass



John Su
QA & QC Manager