

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-09 16:35:53  
Date of Next Testing: 2027-05-08 16:35:53  
Product Name: **Thiazolyl Blue Tetrazolium Bromide**  
CAS Number: 298-93-1  
Specifications & Purity: 98%  
Lot #: E2305096  
SKU #: **T100896**  
**Analysis: 199343**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	97.5-102.5 (%)	100.04 %
Purity(HPLC)	98-100 (%)	99.44600 %
Loss on drying	0-1 (%)	0.00 %
Appearance (T100896)	Yellow to Orange Solid, Powder or Crystals	Yellow to Orange Solid, Powder or Crystals
Sensitiveness	passe test	passe test
Solubility in H <sub>2</sub> O , Yellow to Yellow-Green, Clear; c = 5mg/ml (0.5 %)		Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager