

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-23 09:18:18  
Date of Next Testing: 2029-09-22 09:18:18  
Product Name: **Nitrotetrazolium Blue chloride**  
CAS Number: 298-83-9  
Specifications & Purity:  $\geq 98\%$   
Lot #: I2519642  
SKU #: **N104908**  
Version: **0**  
Analysis #: **563937**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-4.5 (%)	3.46 %
Purity(HPLC)	98-100 (%)	99.84500 %
Purity(Argentmetric Titration)(calc. based on dry substance)	98-100 (%)	98.68 %
Nitrogen by Elemental Analysis (anhydrous)	16.7-17.6 (%)	16.71 %
Solvent Content	0-10 (%)	1.15 %
Appearance (N104908)	yellow powder	yellow powder
Dehydrogenases detection test	to pass test	to pass test
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Yellow, Clear, 10mg/ml	pass	Pass



John Su  
QA & QC Manager