

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-02 16:07:59  
Date of Next Testing: 2027-08-01 16:07:59  
Product Name: **Nitrotetrazolium Blue chloride**  
CAS Number: 298-83-9  
Specifications & Purity:  $\geq 98\%$   
Lot #: G2329649  
SKU #: **N104908**  
Version: **0**  
Analysis #: **241539**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-4.5 (%)	3.32 %
Purity(HPLC)	98-100 (%)	99.29800 %
Purity(Argentmetric Titration)(calc. based on dry substance)	98-100 (%)	98.82 %
Solvent Content	0-10 (%)	9.81 %
Nitrogen by Elemental Analysis (anhydrous)	16.7-17.6 (%)	16.71 %
Appearance (N104908)	yellow powder	yellow powder
Dehydrogenases detection test	to pass test	to pass test
Solubility in H <sub>2</sub> O , Yellow,Clear,10mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager