

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-18 16:36:08

Date of Next Testing: 2029-06-17 16:36:08

Product Name: **Nitrotetrazolium Blue chloride**

CAS Number: 298-83-9

Specifications & Purity: $\geq 98\%$

Lot #: F2512578

SKU #: **N104908**

Version: **0**

Analysis #: **518989**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-4.5 (%)	2.67700 %
Purity(HPLC)	98-100 (%)	99.26400 %
Purity(Argentmetric Titration)(calc. based on dry substance)	98-100 (%)	99.53600 %
Solvent Content	0-10 (%)	1.20000 %
Nitrogen by Elemental Analysis (anhydrous)	16.7-17.6 (%)	16.71700 %
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 ₂ O , Yellow, Clear, 10mg/ml	pass	Pass



John Su
QA & QC Manager