

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-18 16:30:11
Date of Next Testing: 2029-06-17 16:30:11
Product Name: **Nitrotetrazolium Blue chloride**
CAS Number: 298-83-9
Specifications & Purity: $\geq 98\%$
Lot #: F2512576
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 (%)	2.68 %
Purity(HPLC)	98-100 (%)	99.26400 %
Purity(Argentmetric Titration)(calc. based on dry substance)	98-100 (%)	99.54 %
Solvent Content	0-10 (%)	1.20 %
Nitrogen by Elemental Analysis (anhydrous)	16.7-17.6 (%)	16.72 %
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