

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-20 15:54:49

Date of Next Testing: 2028-11-19 15:54:49

Product Name: **Nitrotetrazolium Blue chloride**

CAS Number: 298-83-9

Specifications & Purity: $\geq 98\%$

Lot #: K2415027

SKU #: **N104908**

Version: **0**

Analysis #: **129895**

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

Parameter	Limit Values	Result
Water by Karl Fischer	0-4.5 (%)	2.93910 %
Purity(HPLC)	98-100 (%)	99.38400 %
Purity(Argentmetric Titration)(calc. based on dry substance)	98-100 (%)	99.63000 %
Nitrogen by Elemental Analysis (anhydrous)	16.7-17.6 (%)	16.71000 %
Solvent Content	0-10 (%)	3.80000 %
Appearance (N104908)	yellow powder	yellow powder
Dehydrogenases detection test	to pass test	to pass test
Solubility in H ₂ O , Yellow,Clear,10mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager