

Certificate of Analysis

Date of Testing: 2023-05-08 17:07:18
Date of Next Testing: 2027-05-07 17:07:18
Product Name: **Nitrotetrazolium Blue chloride**
CAS Number: 298-83-9
Specifications & Purity: $\geq 98\%$
Lot #: D2321322
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 (%)	2.94 %
Purity(HPLC)	98-100 (%)	99.38400 %
Purity(Argentmetric Titration)(calc. based on dry substance)	98-100 (%)	99.63 %
Nitrogen by Elemental Analysis (anhydrous)	16.7-17.6 (%)	16.71 %
Solvent Content	0-10 (%)	3.80 %
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