

## Certificate of Analysis

Date of Testing: 2023-07-19 19:00:39  
Date of Next Testing: 2025-07-08 19:00:39  
Product Name: **Nitrotetrazolium Blue chloride**  
CAS Number: 298-83-9  
Specifications & Purity: for molecular biology,98%  
Lot #: G23151115  
SKU #: **N104910**  
Version: **0**  
Analysis #: **244480**  
Storage Temperature: Store at 2-8°C,Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.32400 %
Solvent Content (by GC)	0-10 (%)	2.58 %
Nitrogen by Elemental Analysis	16.7-17.6 (%)	17.24 %
Water by Karl Fischer	0-4.5 (%)	0.38 %
Appearance (N104910)	yellow powder	yellow powder
Conjugates in Nucleic Acid Probe Detection Systems	Pass	Pass
Detection of Alkaline Phosphatase	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager