

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-12 14:29:20

Date of Next Testing: 2027-07-02 14:29:20

Product Name: **Nitrotetrazolium Blue chloride(NBT)**

CAS Number: 298-83-9

Specifications & Purity: Suitable for molecular biology, $\geq 98\%$, On a dry basis, solvent residue $\leq 10\%$

Lot #: G2508603

SKU #: **N104910**

Version: **1**

Analysis #: **531856**

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

Parameter	Limit Values	Result
Drying loss(105°C)	0-10 (%)	4.70796 %
Solvent Content (by GC)	0-10 (%)	1.93000 %
Purity(Titration by AgNO ₃)(anhydrous basis)	97.5-102.5 (%)	102.45000 %
Nitrogen by Elemental Analysis(on dry basis)	16.7-17.6 (%)	16.71000 %
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