

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-12 16:11:11  
Date of Next Testing: 2028-08-11 16:11:11  
Product Name: **Nitro blue tetrazolium chloride (NBT)**  
CAS Number: 298-83-9  
Specifications & Purity: Ultra Pure Grade  
Lot #: H2406041  
SKU #: **N274358**  
Version: **2**  
Analysis #: **036026**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Lambda max (MeOH)	255-260nm	256.00 nm
Purity(HPLC)	98-100%	98.57250 %
Em(Lambda Max, Methanol)	≥54000	60096.54
Loss on drying	0-10%	8.91 %
LC-MS for identification	Conforms	Conforms
Solubility 100mg/10ml in water	Pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager