

Certificate of Analysis

Date of Testing: 2025-07-08 18:55:24

Date of Next Testing: 2029-07-07 18:55:24

Product Name: **Nitro blue tetrazolium chloride (NBT)**

CAS Number: 298-83-9

Specifications & Purity: Ultra pure

Lot #: F2527092

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