



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product

**11207 - Nitro Blue Tetrazolium Chloride (Nitro BT)
(NBT) extrapure AR, 99% - [298-83-9]**

Batch No

5451706

Analysis Date

01-Jan-2023

Date of Manufacture

January 2023

Expiry Date/Re-Test Date

January 2028

Molecular Formula

C40H30N10O6Cl2

Molecular Weight

817.65

Test Parameters	Standards	Actual Results
Appearance (Colour)	Lemon yellow	Lemon yellow
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 5% solution in Methanol	Clear	Clear
Solubility (Colour) 5% solution in methanol	Yellow	Yellow
Assay (On dry basis)	min. 99%	99.5%
Sulphated Ash	max. 0.1%	0.04%
Molar Extinction coefficient (ϵ) @257nm	~ 64,995 (Methanol)	64654.9
Water (KF)	~10%	8.0%

FRM/82/11/4/11207 Rev No. 1 Date 01/11/2015

Prepared by Komal

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

1/1

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)

This COA has been generated electronically and it is valid without signature.