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Certificate of Analysis

Product	48898 - Nitro Blue Tetrazolium Chloride (Nitro BT) (NBT) for molecular biology, 99% - [298-83-9]
Batch No	9779292
Analysis Date	17-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	March 2029
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%	99.9%
Sulphated Ash	max. 0.1%	0.04%
Molar Extinction coefficient (ϵ) @257nm	~64,995	64969
Water (KF)	~10%	5.8%
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/48898 Rev No. 1 Date 06/26/2017

Prepared by Priti

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,
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