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Certificate of Analysis

Product	22649 - Blue Tetrazolium Chloride (BTC, Tetrazolium Blue Chloride) extrapure AR - [1871-22-3]
Batch No	8597456
Analysis Date	18-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029
Molecular Formula	C40H32O2N8Cl2
Molecular Weight	727.66

Test Parameters	Standards	Actual Results
Appearance (Colour)	Lemon yellow	Lemon yellow
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 1% solution in methanol	Clear	Clear
Solubility (Colour) 1% solution in methanol	Yellow	Yellow
Molar Extinction coefficient (ϵ) in Methanol at 252 nm	min. 50000	52646
Melting Point	250 - 260°C	259.6°C
Loss on drying	max. 1%	0.6%
Suitability as Reagent	Passes for cortisol determination	Passes

FRM/82/11/4/22649 Rev No. 1 Date 01/11/2015

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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