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Certificate of Analysis

Product **65599 - 2,3,5-Triphenyltetrazolium Chloride (TTC)**
extrapure, 99% - [298-96-4]

Batch No **6444884**
Analysis Date 13-Apr-2024
Date of Manufacture April 2024
Expiry Date/Re-Test Date April 2029
Molecular Formula C₁₉H₁₅N₄Cl
Molecular Weight 334.81

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to yellow	Yellow
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 0.5% aq. solution	Clear	Clear
Solubility (Colour) 0.5% aq. solution	Colourless to pale yellowish brown	Pale yellowish brown
Assay (NT)	min 99%	99.4%
Melting Point	235 - 245°C	244.5°C
Loss on drying	max. 5%	1.2%
Sulphated Ash	max. 0.2%	0.1%
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Molar Extinction coefficient (ϵ) in Methanol at 247 nm	~25000	27692

FRM/82/11/4/65599 Rev No. 4 Date 06/07/2022

Prepared by Priti

In compliance with the standard specifications of SRL

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

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