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Certificate of Analysis

Product 64518 - Triton X-100 for molecular biology - [9002-93-1]
Batch No 2364594
Analysis Date 19-May-2024
Date of Manufacture May 2024
Expiry Date/Re-Test Date May 2029

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless to pale yellow	Colourless
Appearance (Form)	Liquid	Liquid
Miscibility	1:30 in water is clear 1:30 in ethanol is clear 1:30 in edible oil is clear	Clear Clear Clear
pH (1% aq. solution)	5.0 - 8.0	6.12
Colour (APHA)	max. 30	Passes
Density (g/ml) @ 20°C	1.060 - 1.070 g/ml	1.062
Refractive Index (20°C)	1.490 - 1.491	1.491
Sulphated Ash	max 0.1%	0.05%
Chloride (Cl)	max 0.005%	Passes
Sulphate (SO ₄)	max 0.005%	Passes
Iron (Fe)	max 0.0005%	Passes
Heavy Metals (Pb)	max 0.0005%	Passes
Water (KF)	max 0.5%	0.1%
Turbidity Point	63 - 69°C	67°C
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/64518 Rev No. 2 Date 11/09/2021

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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