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PVT. LTD.**

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Certificate of Analysis

Product

**28599 - Polysorbate 20 (Tween 20) extrapure -
[9005-64-5]**

Batch No

4436335

Analysis Date

06-Mar-2024

Date of Manufacture

March 2024

Expiry Date/Re-Test Date

March 2029

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Pale yellow	Pale yellow
Appearance (Form)	Viscous liquid	Viscous liquid
Density (g/ml) @ 20°C	1.105 - 1.107 g/ml	1.105 g/ml
Refractive Index (20°C)	1.470 - 1.472	1.472
Acid value	max. 2.0	0.44
Saponification value	40 - 50	49.7
Hydroxyl value	96 - 108	101.8
Water (KF)	max. 2%	1.9%
IR Identification Test	Passes Test	Passes

FRM/82/11/4/28599 Rev No. 2 Date 06/10/2016

Prepared by Yogesh

In compliance with the standard specifications of SRL

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

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