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Certificate of Analysis

Product	39343 - Silica Thiol-Functionalized (STF) extrapure
Batch No	5685988
Analysis Date	11-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	March 2029

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Powder	Powder
Particle Size	40 - 63 μm	Passes
Specific surface area (m ² /g)	480 - 550	480
Pore diameter	55 - 65 \AA	58 \AA
Pore volume (ml/g)	0.70 - 0.85	0.7
Sulfur content	min. 3.85%	4.25%
Volatile content	max. 4%	1.71%
Molecular loading (mmol/m ²)	min. 1.20	1.33
Surface coverage ($\mu\text{mol}/\text{m}^2$)	min. 2.42	3.07
End capping	Yes	Passes

FRM/82/11/4/39343 Rev No. 1 Date 04/21/2019

Prepared by **Mayur**

In compliance with the standard specifications of SRL

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

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