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Certificate of Analysis

Product	77996 - Silica Cysteine-Functionalized extrapure
Batch No	5135050
Analysis Date	10-Oct-2021
Date of Manufacture	October 2021
Expiry Date/Re-Test Date	October 2026

Test Parameters	Standards	Actual Results
Appearance (Colour)	Orange	Orange
Appearance (Form)	Powder	Powder
Particle Size	40 - 63 μm	Passes
Specific surface area (m ² /g)	480 - 550	483
Pore diameter	55 - 65 Å	59 Å
Pore volume (ml/g)	0.70 - 0.85	0.71
Sulfur content	min. 0.96%	1.16%
Volatile content	max. 4%	3.2%
Molecular loading (mmol/m ²)	min. 0.30	0.36
Surface coverage ($\mu\text{mol}/\text{m}^2$)	min. 0.66	0.81
End capping	Yes	Passes

FRM/82/11/4/77996 Rev No. 1 Date 08/13/2018

Prepared by Nishant

In compliance with the standard specifications of SRL

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

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