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Certificate of Analysis

Product **31156 - Silica Imidazole-Functionalized extrapure**
Batch No **2380735**
Analysis Date 31-Aug-2020
Date of Manufacture August 2020
Expiry Date/Re-Test Date August 2025

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white	White
Appearance (Form)	Powder	Powder
Partical Size Distribution	$\leq 5 / \leq 5$ (40 - 63 μ m)	5 / 5
Specific surface area (m ² /g)	480 - 550	480
Pore diameter	55 - 65 Å	58 Å
Pore volume (ml/g)	0.70 - 0.85	0.7
Nitrogen content (N)	min 2.70%	3.26%
Volatile content	max 4%	2.27%
Molecular loading (mmol/m ²)	min 0.96	1.16
Surface coverage (μ mol/m ²)	min 2.22	2.77
End capping	Yes	Yes

FRM/82/11/4/31156 Rev No. 1 Date 01/09/2020

Prepared by Sagar

In compliance with the standard specifications of SRL

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

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