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Certificate of Analysis

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|---------------------------------|--|
| Product | 46400 - Silica DMT-Functionalized extrapure |
| Batch No | 6906026 |
| Analysis Date | 29-Sep-2019 |
| Date of Manufacture | September 2019 |
| Expiry Date/Re-Test Date | September 2024 |

| Test Parameters | Standards | Actual Results |
|---|-------------|----------------|
| Appearance (Colour) | Pale brown | Pale brown |
| Appearance (Form) | Powder | Powder |
| Nitrogen content (N) | min 3.5% | 4.31% |
| Volatile content | max 4% | 3.91% |
| Particle Size | 40 - 63µm | Passes |
| Pore diameter | 55 - 65 | 59 |
| Pore volume (ml/g) | 0.70 - 0.85 | 0.71 |
| Specific surface area (m ² /g) | 480 - 550 | 481 |
| Molecular loading (mmol/m ²) | min 0.50 | 0.61 |
| Surface coverage (µmol/m ²) | min 1.13 | Passes |
| End capping | Yes | Passes |

FRM/82/11/4/46400 Rev No. 1 Date 11/26/2019

Prepared by Sagar

In compliance with the standard specifications of SRL

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