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Certificate of Analysis

Product 72866 - Molecular Sieve 4A (0.4nm) (1.6-3mm Beads) - [70955-01-0]
Batch No 2898937
Analysis Date 22-Jan-2024
Date of Manufacture January 2024
Expiry Date/Re-Test Date January 2029
Atomic Formula Na₁₂[(AlO₂)₁₂(SiO₂)₁₂].xH₂O

Test Parameters	Standards	Actual Results
Appearance (Colour)	Pale yellow to brown	Pale yellow
Appearance (Form)	Beads	Beads
Bed crushing strength	min. 85%	95.67%
Water absorption capacity	min. 20%	22.3%
Bulk density	~740 kg/m ³	672 kg/m ³
Pore diameter	4 A° or 0.4 nm	4 A°
Loss on ignition	max. 3%	1.1%
Particle Size	6 - 12 mesh	Passes
Particle diameter	1.6 - 3 mm	1.9 mm

FRM/82/11/4/72866 Rev No. 3 Date 06/04/2021

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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