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Certificate of Analysis

Product **75690 - Molecular Sieve 5A (0.5nm) (1.6-3mm Beads) - [70955-01-0]**
Batch No **8517748**
Analysis Date 26-Aug-2023
Date of Manufacture August 2023
Expiry Date/Re-Test Date August 2028
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
Loss on ignition	max. 3%	2.5%
Water absorption capacity	min. 20%	20.2%
Bulk density	740 kg/m ³	740 kg/m ³
Pore diameter	5 Å or 0.5 nm	5 Å or 0.5 nm
Bed crushing strength	85%	95.2%
Particle Size	6 - 12 mesh	Passes
Particle diameter	1.6 -3 mm	Passes

FRM/82/11/4/75690 Rev No. 5 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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