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## Certificate of Analysis

<b>Product</b>	<b>98254 - Molecular Sieve 3A (0.3nm) (1.6-3mm Beads) - [308080-99-1]</b>
<b>Batch No</b>	<b>7079277</b>
<b>Analysis Date</b>	09-May-2024
<b>Date of Manufacture</b>	May 2024
<b>Expiry Date/Re-Test Date</b>	May 2029
<b>Atomic Formula</b>	$\text{KnNa}_{12-n}[(\text{AlO}_2)_{12}(\text{SiO}_2)_{12}]\cdot x\text{H}_2\text{O}$

Test Parameters	Standards	Actual Results
Appearance (Colour)	Pale yellow to brown	Brown
Appearance (Form)	Beads	Beads
Loss on ignition	max. 3%	2.1%
Water absorption capacity	min. 20%	25.5%
Bulk density	~740 kg/m <sup>3</sup>	674 kg/m <sup>3</sup>
Pore diameter	3A° or 0.3nm	3A°
Bed crushing strength	min. 85%	95.5%
Particle Size	6 - 12 mesh	Passes
Particle diameter	1.6 - 3 mm	2.4 mm

FRM/82/11/4/98254 Rev No. 3 Date 06/04/2021

Prepared by Yogesh

In compliance with the standard specifications of SRL

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

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