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## Certificate of Analysis

**Product** **98254 - Molecular Sieve 3A (0.3nm) (1.6-3mm Beads) - [308080-99-1]**  
**Batch No** **3073828**  
**Analysis Date** 21-Nov-2023  
**Date of Manufacture** November 2023  
**Expiry Date/Re-Test Date** November 2028  
**Atomic Formula**  $\text{KnNa}_{12-n}[(\text{AlO}_2)_{12}(\text{SiO}_2)_{12}] \cdot x\text{H}_2\text{O}$

Test Parameters	Standards	Actual Results
Appearance (Colour)	Pale yellow to brown	Pale yellow
Appearance (Form)	Beads	Beads
Loss on ignition	max. 3%	1.6%
Water absorption capacity	min. 20%	23.3%
Bulk density	~740 kg/m <sup>3</sup>	672 kg/m <sup>3</sup>
Pore diameter	3A° or 0.3nm	3A°
Bed crushing strength	min. 85%	95.49%
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 **Prajakta**

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

1/1

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