

Certificate of Analysis

Product Name	Molecular sieve, 3A, 1.6 - 2.5 mm, beads
Glentham Code	GX1049
CAS Number	308080-99-1
MDL Number	MFCD00147627
MDL Number	MFCD00131613
Batch Number	269DGA

Molecular Weight	-
Molecular Formula	$\text{KnNa}_{12-n}[(\text{AlO}_2)_{12}(\text{SiO}_2)_{12}] \cdot x\text{H}_2\text{O}$
Storage Temp.	+20°C

Property	Specification	Batch 269DGA
Physical Description	Off-white to pale brown beads	Pale brown beads
Residual Moisture	~1.5% at 950°C	Conforms
Pore Size	3Å	Conforms
Bead Size	1.6 - 2.5 mm	Conforms
Crush Strength	≥ 15N	21N
Water Absorption Capacity	≥ 15.0% (10% r.h./25°C)	17.2%
Particle Size (≥ 1.6mm)	≥ 80.0%	99.6%
Particle Size (≥ 2.5mm)	≤ 20.0%	0.2%
Total Volatile Matter	≤ 2.5%	1.5%

Specification Version	v1.0
Manufacture Date	2023-12-04
Re-Test Date	2030-11-08

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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