

Certificate of Analysis

Date of Testing: 2025-07-03 14:39:00

Date of Next Testing: 2029-07-02 14:39:00

Product Name: **Molecular sieves, 5 Å**

CAS Number: 69912-79-4

Specifications & Purity: 3mm-5mm,for drier

Lot #: F2523542

SKU #: **M103773**

Version: **0**

Analysis #: **518582**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
bulk density	≥ 0.62 (g/ml)	0.75 g/ml
CO2 adsorption capacity	≥ 15 (%)	23.68 %
n-Hexane adsorption	≥ 12 (%)	14.01 %
Particle size	3-5 (mm)	3.00 mm
Compressive Strength	≥ 60 (N/gram)	158.20 N/gram
Abrasion loss	0-0.4 (%)	0.01 %
Oxygen retention 42°C	≥ 2.8 (%)	3.00 %
Water Absorption	≥ 21 (%)	23.63 %
Nitrogen retention 42°C	≥ 8 (%)	9.10 %
Appearance (M103773)	Tan beads	Tan beads



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