

Certificate of Analysis

Date of Testing: 2025-04-24 10:30:26

Date of Next Testing: 2029-04-23 10:30:26

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

CAS Number: 69912-79-4

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

Lot #: D2515416

SKU # **M103773**

Version **0**

Analysis #: **486897**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water Absorption	≥21 (%)	39.90 %
Particle size	3-5 (mm)	4.10 mm
bulk density	≥0.62(g/ml)	0.68 g/ml
Oxygen retention 42°C	≥2.8 (%)	2.80 %
CO2 adsorption capacity	≥15 (%)	15.10 %
n-Hexane adsorption	≥12 (%)	12.30 %
Nitrogen retention 42°C	≥8 (%)	8.20 %
Compressive Strength	≥60 (N/gram)	112.20 N/gram
Abrasion loss	0-0.4 (%)	0.10 %
Appearance (M103773)	Tan beads	Tan beads



John Su
QA & QC Manager