

Certificate of Analysis

Date of Testing: 2024-03-13 13:38:34
Date of Next Testing: 2028-03-12 13:38:34
Product Name: **Molecular sieves, 5 Å**
CAS Number: 69912-79-4
Specifications & Purity: 2mm-3mm,for drier
Lot #: C2405522
SKU #: **M140028**
Version: **0**
Analysis #: **320003**

| Parameter | Limit Values | Result |
|-------------------------|----------------|--------------|
| Water Absorption | ≥21 (%) | 24.81% |
| bulk density | 0.6-0.7 (g/ml) | 0.65 g/ml |
| Compressive Strength | ≥50 (N/gram) | 96.80 N/gram |
| Abrasion loss | 0-0.4 (%) | 0.08% |
| CO2 adsorption capacity | ≥15 (%) | 16.00% |
| n-Hexane adsorption | ≥12 (%) | 13.00% |
| Oxygen retention 42°C | ≥2.8 (%) | 3.00% |
| Particle size | 2-3 (mm) | 2.18 mm |
| Nitrogen retention 42°C | ≥8 (%) | 9.00% |
| Appearance (M140028) | Tan beads | Tan beads |



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