

## Certificate of Analysis

Date of Testing: 2024-06-24 08:56:56  
Date of Next Testing: 2027-06-24 08:56:56  
Product Name: **Mcm-22 molecular sieve**  
CAS Number:  
Specifications & Purity: Pore diameter (nm): 0.55-1.0 Silicon to aluminum ratio: 30  
Lot #: F2418053  
SKU #: **M196705**  
Version: **0**  
Analysis #: **361890**

Parameter	Limit Values	Result
Na <sub>2</sub> O	0-0.02 (wt%)	0.02 wt%
Crystal Size	0.2-0.5 (μm)	0.30 μm
Ignition Loss(550°C 3h)	0-8 (wt%)	2.00 wt%
Crush Strength	>90N	>90N
pore size(length)	0.8nm	0.8nm
Shape	D=2-2.5mm , L=5-10mm	D=2-2.5mm , L=5-10mm
SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> (30mol/mol)	30mol/mol	30mol/mol
Specific Surface Area,600 m <sup>2</sup> /g	Conforms	Conforms
Volume density	500Kg/m <sup>3</sup>	500Kg/m <sup>3</sup>



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