

Certificate of Analysis

Date of Testing: 2023-01-09 15:39:37
Date of Next Testing: 2026-01-08 15:39:37
Product Name: **Mcm-22 molecular sieve**
CAS Number:
Specifications & Purity: Pore diameter (nm): 0.55-1.0 Silicon to aluminum ratio: 30
Lot #: D2009114
SKU #: **M196705**
Analysis: 176605

Parameter	Limit Values	Result
Na ₂ O	0-0.02 (wt%)	0.01 wt%
Crystal Size	0.2-0.5 (μm)	0.36 μm
Ignition Loss(550°C 3h)	0-8 (wt%)	7.86 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 ₂ /Al ₂ O ₃ (30mol/mol)	30mol/mol	30mol/mol
Specific Surface Area,600 m ² /g	Conforms	Conforms
Volume density	500Kg/m ³	500Kg/m ³



John Su
QA & QC Manager