

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-18 14:25:29  
Date of Next Testing: 2026-10-17 14:25:29  
Product Name: **Sapo-11 molecular sieve**  
CAS Number:  
Specifications & Purity: Pore diameter (nm): 0.6-0.7 Silicon to aluminum ratio: SiO<sub>2</sub>/P<sub>2</sub>O<sub>5</sub>/Al<sub>2</sub>O<sub>3</sub>=0.5-0.8:1:1  
Lot #: J2214174  
SKU #: **M196700**  
Analysis: **084462**

Parameter	Limit Values	Result
loss on Ignition	0-5 (%)	5.00 %
BET Specific surface area	≥180 (m <sup>2</sup> /g)	180.00 m <sup>2</sup> /g
Relative crystallinity	95-100 (%)	95.00 %
Sodium(Na)	0-0.1 (%)	0.07 %
pore size	0.6-0.7 (nm)	0.65 nm
SiO <sub>2</sub> /P <sub>2</sub> O <sub>5</sub> /Al <sub>2</sub> O <sub>3</sub>	0.5-0.8:1:1	0.5-0.8:1:1



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