

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-02 11:42:56

Date of Next Testing: 2027-11-02 11:42:56

Product Name: **DMT-functionalized silica gel**

CAS Number:

Specifications & Purity: $\geq 99\%$, molecular loading ≥ 0.50 mmol/g

Lot #: J2428312

SKU #: **D465643**

Version: **1**

Analysis #: **419671**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Particle Size Distribution D50%	50-70 (μm)	64.40000 μm
SiO ₂ Content	99-100 (%)	99.13810 %
Loss on drying	0-5 (%)	3.20000 %
Pore size($\text{\AA}$)	55-75	65.00000
Functional group loading	≥ 0.5 (mmol/g)	0.68000 mmol/g
Appearance(D465643)	White to Off-white powder	white to off-white powder



John Su
QA & QC Manager