

## Certificate of Analysis

Date of Testing: 2024-11-02 11:49:02  
Date of Next Testing: 2027-11-02 11:49:02  
Product Name: **DMT-functionalized silica gel**  
CAS Number:  
Specifications & Purity:  $\geq 99\%$ , molecular loading  $\geq 0.50$  mmol/g  
Lot #: J2428311  
SKU #: **D465643**  
Version: **1**  
Analysis #: **419671**  
Storage Temperature: Room temperature, Argon charged

| Parameter                       | Limit Values              | Result                    |
|---------------------------------|---------------------------|---------------------------|
| Particle Size Distribution D50% | 50-70 ( $\mu\text{m}$ )   | 64.40000 $\mu\text{m}$    |
| SiO <sub>2</sub> Content        | 99-100 (%)                | 99.13810 %                |
| Loss on drying                  | 0-5 (%)                   | 3.20 %                    |
| Pore size( $\text{\AA}$ )       | 55-75                     | 65.00000                  |
| Functional group loading        | $\geq 0.5$ (mmol/g)       | 0.68000 mmol/g            |
| Appearance(D465643)             | White to Off-white powder | white to off-white powder |



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