

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-28 13:46:20

Date of Next Testing: 2029-05-27 13:46:20

Product Name: **Kieselguhr**

CAS Number: 68855-54-9

Specifications & Purity: Filter aid, Flux Calcined, Median Particle Size: 30.2um

Lot #: D2524067

SKU #: **K131668**

Version: **0**

Analysis #: **077680**

Storage Temperature: Room temperature

| Parameter                           | Limit Values                | Result                    |
|-------------------------------------|-----------------------------|---------------------------|
| Fe <sub>2</sub> O <sub>3</sub>      | 1-1.5 (%)                   | 1.10000 %                 |
| Wet Density                         | 0-0.39 (g/cm <sup>3</sup> ) | 0.23000 g/cm <sup>3</sup> |
| Other                               | 0-1.5 (%)                   | 0.90000 %                 |
| Al <sub>2</sub> O <sub>3</sub>      | 3-5 (%)                     | 4.00000 %                 |
| loss on Ignition                    | 0-1 (%)                     | 0.47000 %                 |
| Water by Karl Fischer               | 0-0.5 (%)                   | 0.24000 %                 |
| Calcium oxide (CaO)                 | 0-0.5 (%)                   | 0.20000 %                 |
| Median Particle Size                | 30-30.4 (μm)                | 30.20000 μm               |
| pH                                  | 9-11                        | 9.30000                   |
| +150 mesh                           | 0-15 (%)                    | 10.00000 %                |
| MgO                                 | 0-0.5 (%)                   | 0.20000 %                 |
| Na <sub>2</sub> O                   | 0-3.5 (%)                   | 1.17000 %                 |
| Silicon dioxide (SiO <sub>2</sub> ) | 87-100 (%)                  | 88.42000 %                |
| Permeability, D'arcys               | 3.2-3.8                     | 3.40000                   |
| Color (White)                       | pass                        | Pass                      |



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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager