

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-05 09:01:20  
Date of Next Testing: 2027-09-04 09:01:20  
Product Name: **Kieselguhr**  
CAS Number: 68855-54-9  
Specifications & Purity: Filter aid,Flux Calcined,Median Particle Size:30.2um  
Lot #: H2328063  
SKU #: **K131668**  
Analysis: **077680**

Parameter	Limit Values	Result
Fe2O3	1-1.5 (%)	1.10 %
Wet Density	0-0.39 (g/cm3)	0.23 g/cm3
Other	0-1.5 (%)	0.90 %
Al2O3	3-5 (%)	4.00 %
loss on Ignition	0-1 (%)	0.47 %
Water by Karl Fischer	0-0.5 (%)	0.24 %
Calcium oxide (CaO)	0-0.5 (%)	0.20 %
Median Particle Size	30-30.4 (µm)	30.20 µm
PH	9-11	9.30
+150 mesh	0-15 (%)	10.00 %
MgO	0-0.5 (%)	0.20 %
Na2O	0-3.5 (%)	1.17 %
Silicon dioxide (SiO2)	87-100 (%)	88.42 %
Permeability, D'arcys	3.2-3.8	3.40
Color (White)	pass	Pass



John Su  
QA & QC Manager