

## Certificate of Analysis

### Compound Information

**Product Name:** Kieselguhr,助滤剂,融剂烧成品,中位粒径:40 $\mu$ m  
**Cat. No.:** 1250420  
**CAS No.:** 68855-54-9  
**Chemical Structure:**

Kieselguhr, soda ash flux-calcined

### Batch Information

**Batch No.:** Lg1214348399  
**Storage:** Store at room temperature  
**Test Date:** 2023-12-14  
**Retest Date:** 2028-12-13  
**Origin:** Shanghai, China

### QC Summary

	Specification	Result
<b>Appearance:</b>	White to off-white (Solid)	White (Powder)
<b>Lead(Pb),<math>\omega</math>/%:</b>	$\leq 4.0$	<4
<b>Arsenic(As),<math>\omega</math>/%:</b>	$\leq 5.0$	<5
<b>Loss On Ignition,<math>\omega</math>/%:</b>	$\leq 2.0$	0.4
<b>Silica(SiO<sub>2</sub>),<math>\omega</math>/%:</b>	$\geq 75.0$	90
<b>Iron Oxide(Fe<sub>2</sub>O<sub>3</sub>),<math>\omega</math>/%:</b>	$\leq 2.5$	1.3
<b>Bulk Density,g/cm<sup>3</sup>:</b>	0.20-0.35	0.26
<b>True Density,g/cm<sup>3</sup>:</b>	2.10-2.30	2.18
<b>Permeability,Darcy:</b>	6.1-10.0	7.1
<b>Water-soluble Substance,<math>\omega</math>/%:</b>	$\leq 0.5$	0.2
<b>Acid-soluble Substance,<math>\omega</math>/%:</b>	$\leq 3.0$	1.8
<b>pH (Slurry 10%):</b>	7.0-10.0	9.8
<b>Conclusion:</b>	The product has been tested and complies with the given specifications.	

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: [product@leyan.com](mailto:product@leyan.com)

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai