

CERTIFICATE OF ANALYSIS

Product Name:	Silicon Dioxide	Quantity:	1000kg
Batch Number:	231021	Analysis Date:	21 st Oct. 2023
Production Date:	21 st Oct. 2023	Re-Test Date:	21 st Oct. 2025
Reference Standard:	USP, JIS, FCC, ISO	Cas Number:	112926-00-8
Item	Specification	Results	
Appearance	White to off white crystalline powder	Pass	
Identification	Complies	Pass	
SiO ₂ Content (Assay)	More than 97.0%	99.7%	
Whiteness	More than 87.0%	89%	
Residue on Ignition	Not more than 8.5%	4.66%	
Moisture	Not more than 7.0%	4.19%	
pH	6.4 ~ 7.4	6.9	
Moisture @ 105°C	Less than 7.0	5.02	
Heavy Metals	Not more than 0.003%	<0.003%	
Arsenic	Not more than 1ppm	None Detected	
Lead	Not more than 3ppm	None Detected	
Mercury	Not more than 1ppm	None Detected	
Oil Absorption (DOA)	2.45 ~ 2.95 cm ³ /g	2.69cm ³ /g	
Total Plate Count	Not more than 100cfu/g	<10cfu/g	
Yeast and Moulds	Not more than 100cfu/g	<10cfu/g	
E.Coli	Absent in 1g	Absent in 1g	
Salmonella	Absent in 25g	bsent in 25g	
Staphylococcus Aureus	Absent in 25g	bsent in 25g	
Bulk Density	0.14 ~ 0.19 g/cm ³	0.164 g/cm ³	
Particle Size	Bot more than 14.0 micron	13.8 micron	
Conclusion:	The product with this batch number meets all requirements when tested according to the USP, JIS, FCC, ISO standard.		

DISCLAIMER

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