

CERTIFICATE OF ANALYSIS

Customer Name :
City, Country : SYDNEY, AUSTRALIA
Product Name : Silicon Dioxide
Product Grade : TOKUSIL FC
Packing : Packed in Paper bag of 17 kgs. net weight
Order No. : 25000928-1
Issue Date : 2025/04/30
Container No. : FCIU5830438
Appearance : WHITE POWDER

LOT No. :			250413
KG			5100
Analysis Item	Test Method	Spec	Results
Moisture(as packed) (%)	ISO 787/2	3.00-6.00	4.99
pH(5% Suspension)	ISO 787/9	6.4-7.2	7.0
Bulk Density (g/cm3)	JIS K 6220-1	0.180-0.260	0.212
Al ₂ O ₃ (%)	JIS K0119	0.300 max	0.146
Fe ₂ O ₃ (%)	JIS K0119	0.100 max	0.023
Na ₂ SO ₄ (%)	JIS K0119	2.00 max	1.04
Lead as Pb, ppm	Based on JECFA*	3 max	ND
Arsenic as As, ppm	Based on JECFA*	1 max	ND
Mercury as Hg ,ppm	Based on US EPA, Method 7471B*	1 max	ND
Loss on Ignition @1000°C,1h (%)	ISO 3262-19	8.50 max	4.48
SiO ₂ (Ignited basis,%)	ISO 3262-19	97.0 min	98.7
Oil Absorption(DOA), cm ³ /100g	ISO 19246	240 min	274
Median Particle Size (µm)	ISO 13320	30-70	46.00
5 pts BETSA (m ² /g)	ISO 9277	120-150	144
Total Aerobic Plate Count	ISO 4833 : 2013	100 max	10
Mold and Yeast	ISO 7954 : 2006	100 max	10
Mfg. Date :			2025/04/13
Exp. Date :			2027/04/13

Issued by : _____

Issue by : QA member

Approved by: _____

QA Manager