

CERTIFICATE OF ANALYSIS

Product Name:	Silicon Dioxide	Quantity:	1000kg
Batch Number:	201128	Analysis Date:	3 rd Dec. 2020
Production Date:	27 th Nov. 2020	Re-Test Date:	26 th Nov. 2022
Reference Standard:	USP40		
Item			
	Specification		Results
Appearance	White to off white crystalline powder		Pass
Identification	Complies		Pass
Assay	More than 99.0%		99.56%
Residue on Ignition	Not more than 8.5%		3.99%
Loss on Drying	Not more than 5.0%		4.21%
pH	4.0 ~ 8.0		7.34
Chloride	Not more than 0.1%		<0.1%
Sulfate	Not more than 0.5%		<0.5%
Heavy Metals	Not more than 0.003%		<0.003%
Arsenic	Not more than 3ppm		<3ppm
Lead	Not more than 0.0002%		<0.0002%
Mercury	Not more than 1ppm		<1ppm
Total Plate Count	Not more than 1000cfu/g		<1000cfu/g
Yeast and Moulds	Not more than 100cfu/g		<100cfu/g
E.Coli	Absent in 1g		Absent in 1g
Salmonella	Absent in 25g		Absent in 25g
Staphylococcus Aureus	Absent in 25g		Absent in 25g
Conclusion:	The product with this batch number meets all requirements when tested according to the USP40 standard.		