



## Certificate of Analysis (Representative Sample Certificate)

**TKB Trading**  
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Batch **N/A**      Purple Sparks

	Spec. Values	Batch Values	Method
Assay (Calcium-Aluminium Borosilicate)	59.0 - 77.0	%	In-house
Assay (TiO <sub>2</sub> )	22.0 - 32.0	%	In-house
Assay (SiO <sub>2</sub> )	1.0 - 8.0	%	In-house
Assay (SnO <sub>2</sub> )	≤ 1.0	%	In-house
Particle Size Distribution (80% within the range 20.0-200.0 μm)	conforms		laser diffraction
Particle Size (d50)	75.0 - 95.0	μm	laser diffraction
pH (10% aqueous suspension)	8.0 - 11.0		ISO 787-9
Loss on Drying (105 °C)	≤ 1.0	%	ISO 787-2
Visual and Colorimetric Evaluation	conforms		In-house
Microbial Purity (Total Viable Aerobic Count)	≤ 1•10 <sup>2</sup>	CFU/g	USP, Ph.Eur.
Gram negative bacteria	absent in 1 g		USP, Ph.Eur.
E.coli	absent in 1 g		USP, Ph.Eur.
Pseudomonas aeruginosa	absent in 1 g		USP, Ph.Eur.
Staphylococcus aureus	absent in 1 g		USP, Ph.Eur.
Salmonella species	absent in 10 g		USP, Ph.Eur.
Candida albicans	absent in 1 g		USP, Ph.Eur.
Heavy metals (As)	≤ 1	ppm	HCl-Extract /internal
Heavy metals (Ba)	≤ 50	ppm	HCl-Extract /internal
Heavy metals (Cd)	≤ 1	ppm	HCl-Extract /internal
Heavy metals (Cr)	≤ 20	ppm	HCl-Extract /internal
Heavy metals (Cu)	≤ 5	ppm	HCl-Extract /internal
Heavy metals (Hg)	≤ 1	ppm	HCl-Extract /internal
Heavy metals (Ni)	≤ 10	ppm	HCl-Extract /internal
Heavy metals (Pb)	≤ 5	ppm	HCl-Extract /internal
Heavy metals (Sb)	≤ 1	ppm	HCl-Extract /internal
Heavy metals (As)			ISO 21392
Heavy metals (Ba)			ISO 21392
Heavy metals (Cd)			ISO 21392
Heavy metals (Co)			ISO 21392
Heavy metals (Cr)			ISO 21392
Heavy metals (Cu)			ISO 21392
Heavy metals (Hg)			ISO 21392
Heavy metals (Ni)			ISO 21392
Heavy metals (Pb)			ISO 21392
Heavy metals (Sb)			ISO 21392
Heavy metals (Se)			ISO 21392

Please note that the Heavy Metal data by ISO 21392 provided in this table is for information only and not part of the product specification and/or neither subject of any warranty obligations for the Product.

Color-Index (TiO<sub>2</sub>): C.I.No. 77891

The product meets the purity requirements in USA, Japan, China and European Union for cosmetic colorants.

This product is intended for use in cosmetic applications only – customer is responsible to check/confirm suitability for intended usage/ purpose.

Supplied by TKBTrading