



Certificate of Analysis (Representative Sample Certificate)

TKB Trading
939 E 11th St
Oakland, CA 94606
Tel: (510)451-9011
www.tkbtrading.com

Batch N/A Blackstar Gold

	Spec. values		Batch values	Method
Assay (Fe ₃ O ₄)	40.0- 48.0	%		Inhouse
Assay (Mica)	52.0- 60.0	%		Inhouse
Particle Size Distribution	80% within the range 10.0-60.0µm			Laser Diffraction
Particle Size (d ₅₀)	18.0- 25.0	µm		Laser Diffraction
Screening Test (<0.150 mm)	conforms			Inhouse
pH (10% aqueous suspension)	6.0- 10.0			ISO 787-9
Loss on Drying (105°C)	≤ 0.5	%		ISO 787-2
Heavy metals (As)	≤ 0.0002	%		mod.PCPC/int.methods
Heavy metals (Ba)	≤ 0.0050	%		mod.PCPC/int.methods
Heavy metals (Cd)	≤ 0.0003	%		mod.PCPC/int.methods
Heavy metals (Cr)	≤ 0.0100	%		mod.PCPC/int.methods
Heavy metals (Cu)	≤ 0.0050	%		mod.PCPC/int.methods
Heavy metals (Hg)	≤ 0.0001	%		mod.PCPC/int.methods
Heavy metals (Ni)	≤ 0.0010	%		mod.PCPC/int.methods
Heavy metals (Pb)	≤ 0.0010	%		mod.PCPC/int.methods
Heavy metals (Sb)	≤ 0.0001	%		mod.PCPC/int.methods
Heavy metals (Zn)	≤ 0.0050	%		mod.PCPC/int.methods
Visual and Colorimetric Evaluation	conforms			Inhouse
Microbial Purity (Total Viable Aerobic Count)	≤ 100	CFU/g		USP, Ph.Eur., JP
Gram negative bacteria	absent in 1g		passes test	USP, Ph.Eur., JP
E.coli	absent in 1g		passes test	USP, Ph.Eur., JP
Pseudomonas aeruginosa	absent in 1g		passes test	USP, Ph.Eur., JP
Staphylococcus aureus	absent in 1g		passes test	USP, Ph.Eur., JP
Salmonella species	absent in 10g		passes test	USP, Ph.Eur., JP
Candida albicans	absent in 1g		passes test	USP, Ph.Eur., JP

Colour Index (Fe₃O₄): C.I.No. 77499

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.