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Certificate of Analysis

Product Name	24 Karat Gold
Batch Number	Representative Sample

	Spec. values		Batch values	Method
Assay (Mica)	74,0- 85,0	%		Inhouse
Assay (TiO2)	10,0- 16,0	%		Inhouse
Assay (Fe2O3)	5,0- 10,0	%		Inhouse
pH (10 % aqueous suspension)	7,0- 10,0			ISO 787-9
Particle Size Distribution	80% within the range 10.0-150.0µm			Laser Diffraction
Particle Size (d50)	65,0- 82,0	µm		Laser Diffraction
Screening Test (< 0.150 mm)	Conforms			Inhouse
Loss on Drying (105°C)	≤ 0,5	%		ISO 787-2
Visual and Colorimetric Evaluation	Conforms			Inhouse
Microbial Purity (Total Viable Aerobic Count)	≤ 100	CFU/g		USP,Ph.Eur.,JP
Gram negative bacteria	absent in 1 g			USP,Ph.Eur.,JP
E.coli	absent in 1 g			USP,Ph.Eur.,JP
Pseudomonas aeruginosa	absent in 1 g			USP,Ph.Eur.,JP
Staphylococcus aureus	absent in 1 g			USP,Ph.Eur.,JP
Salmonella species	absent in 10 g			USP,Ph.Eur.,JP
Candida Albicans	absent in 1 g			USP,Ph.Eur.,JP
Heavy metals (As)	≤ 1	ppm		mod.PCPC/int.method
Heavy metals (Ba)	≤ 50	ppm		mod.PCPC/int.method
Heavy metals (Cd)	≤ 1	ppm		mod.PCPC/int.method
Heavy metals (Cr)	≤ 50	ppm		mod.PCPC/int.method
Heavy metals (Cu)	≤ 5	ppm		mod.PCPC/int.method
Heavy metals (Hg)	≤ 1	ppm		mod.PCPC/int.method
Heavy metals (Ni)	≤ 10	ppm		mod.PCPC/int.method
Heavy metals (Pb)	≤ 10	ppm		mod.PCPC/int.method
Heavy metals (Sb)	≤ 1	ppm		mod.PCPC/int.method
Heavy metals (Zn)	≤ 50	ppm		mod.PCPC/int.method
Heavy metals (As)		ppm		ISO 21392
Heavy metals (Ba)		ppm		ISO 21392
Heavy metals (Cd)		ppm		ISO 21392
Heavy metals (Co)		ppm		ISO 21392
Heavy metals (Cr)		ppm		ISO 21392
Heavy metals (Cu)		ppm		ISO 21392
Heavy metals (Hg)		ppm		ISO 21392
Heavy metals (Ni)		ppm		ISO 21392

Colour-Index (Mica): C.I. no. 77019, Colour-Index (TiO2): C.I.No 77891, Colour-Index (Fe2O3): C.I.No. 77491