

Certificate of Analysis (Representative Sample)

Product Name	GOLD DUST	Color	Gold	
Particle size (um)	60-400	Appearance	Dry powder	
Chemical Composition	Percent(%)	CI NO.	CAS NO.	EINECS NO.
Calcium Sodium Borosilicate	89-92		65997-17-3	266-046-0
Titanium Dioxide(TiO ₂)	8-10	77891	13463-67-7	236-675-5
SnO ₂	0-1	77861	18282-10-5	242-159-0

Solubility in Water	Not soluble		
Chemical Resistance	Stable in Dilute Acid & Alkali		
Loss on drying (105°C , 2 hours)	≤0.5%		
PH-value(10% aqueous suspension)	9-11		
Bulk density (g/cm³)	0.20-0.30		
Heavy metals:	Element	Standard Limits (pps)	Result
	Arsenic	<2	Pass
	Mercury	<1	Pass
	Antimony	<2	Pass
	Lead	<10	Pass
	Cadmium	<1	Pass
	Chrome	<100	Pass
	Barium	<50	Pass
	Nickel	<10	Pass
	Copper	<50	Pass
Zinc	<50	Pass	
Microbial Purity:	Aerobic Bacterial Count (CFU/g)	Max. 100	Pass
	Molds and Yeast Count (CFU/g)	Max. 100	Pass
	Pathogens	Negative	Pass

Chromatic Aberration

Items	Standard Sample	Tested Sample	Chromatic Aberration
L*	89.72	89.74	0.02
a*	0.20	0.21	0.00
b*	2.02	2.05	0.02
ΔE*			0.02
Standard sample: Lot no.: N/A Tested sample: Lot no.: N/A		Test average n=3 Instrument: Colorimeter Lamp-house/points of view: D65/10°	

We confirm TKB Pearl Lustre Pigments are free from the following Chemicals:

Free from Polycyclic Aromatic Hydrocarbons (PAH);
 Free from Polychlorobiphenyls (PCB)