

Certificate of Analysis (Representative Sample Certificate)

Product Name	Artic Gold	Color	Silver/Golden	
Particle size (um)	80-180	Appearance	Dry powder	
Chemical Composition	Percent(%)	CI NO.	CAS NO.	EINECS NO.
Synthetic Fluorophlogopite	54-65		12003-38-2	234-426-5
Silica (SiO ₂)	15-20		7631-86-9	231-545-4
Titanium Dioxide(TiO ₂)	20-25	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)	3-7		
Bulk density (g/cm³)	0.20-0.50		
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*	78.96	79.83	0.86
a*	1.38	1.25	-0.13
b*	-8.00	-7.19	0.80
ΔE*			1.18
Test average n=3 Instrument: Colorimeter Lamp-house/points of view: D65/10°			

We confirm Pigments are free from the following Chemicals:

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