



Certificate of Analysis (Representative Sample)

TKB TRADING, LLC
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Product Code	LH - 101	Color	Blue/Purple/Red/Orange	
Particle size (um)	100-260	Appearance	Dry powder	
Chemical Composition	Percent(%)	CI NO.	CAS NO.	EINECS NO.
Synthetic Fluorophlogopite	56-67		12003-38-2	234-426-5
Silica (SiO ₂)	19-24		7631-86-9	231-545-4
Titanium Dioxide(TiO ₂)	14-19	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	<3	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*	91.30	91.30	0.00
a*	-0.92	-0.92	0.00
b*	1.33	1.33	0.00
ΔE*			0.00
		Test average n=3 Instrument: Colorimeter Lamp-house/points of view: D65/10°	

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

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