



# Certificate of Analysis

## (Representative Sample)

TKB TRADING, LLC  
 1101 9th Avenue  
 Oakland, CA 94606  
 Tel: 510-922-9027  
 www.tkbtrading.com

<b>Product Code</b>	LH - 202	<b>Color</b>	Mauve/Red/Orange/Yellow	
<b>Particle size (um)</b>	30-120	<b>Appearance</b>	Dry powder	
<b>Chemical Composition</b>	<b>Percent(%)</b>	<b>CI NO.</b>	<b>CAS NO.</b>	<b>EINECS NO.</b>
Synthetic Fluorophlogopite	51-62		12003-38-2	234-426-5
Silica (SiO <sub>2</sub> )	22-27		7631-86-9	231-545-4
Titanium Dioxide(TiO <sub>2</sub> )	16-21	77891	13463-67-7	236-675-5
SnO <sub>2</sub>	0-1	77861	18282-10-5	242-159-0

<b>Solubility in Water</b>	Not soluble		
<b>Chemical Resistance</b>	Stable in Dilute Acid & Alkali		
<b>Loss on drying (105°C , 2 hours)</b>	≤0.5%		
<b>PH-value(10% aqueous suspension)</b>	3-7		
<b>Bulk density (g/cm<sup>3</sup>)</b>	0.20-0.30		
<b>Heavy metals:</b>	<b>Element</b>	<b>Standard Limits (pps)</b>	<b>Result</b>
	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	
<b>Microbial Purity:</b>	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*	90.73	90.73	0.00
a*	0.15	0.15	0.00
b*	0.58	0.58	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)