

# Certificate of Analysis



**TKB Trading, LLC**

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<b>Product Name</b>	Sugar Maple	<b>Color</b>	Red/Orange/Yellow	
<b>Particle size (um)</b>	10-80	<b>Appearance</b>	Dry powder	
<b>Chemical Composition</b>	<b>Percent(%)</b>	<b>CI NO.</b>	<b>CAS NO.</b>	<b>EINECS NO.</b>
Mica	45-49	77019	12001-26-2	310-127-6
Silica (SiO <sub>2</sub> )	40-42		7631-86-9	231-545-4
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )	11-13	77491	1309-37-1	2151682

<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>	4-8		
<b>Bulk density (g/cm<sup>3</sup>)</b>	0.20-0.50		
<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*	61.11	61.11	0.00
a*	20.31	20.31	0.00
b*	25.35	25.35	0.00
ΔE*			0.00
		Test average n=3 Instrument: Colorimeter Lamp-house/points of view: D65/10°	

**We confirm this product is free from the following Chemicals:**

Free from Polycyclic Aromatic Hydrocarbons (PAH);

Free from Polychlorobiphenyls (PCB)