

Certificate of Analysis



TKB Trading, LLC
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Product Name TKB Unicorn
Particle size (um) 60-400
Appearance Dry powder

Chemical Composition	Percent(%)	CI NO.	CAS NO.	EINECS NO.
Calcium Sodium Borosilicate	85-90		65997-17-3	266-046-0
Tin Oxide	4-6	778161		
Synthetic, Iron Oxide	2-4	77491		
Titanium Dioxide(TiO ₂)	1-2	77891	13463-67-7	236-675-5
Silica	1-2	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*	86.23	85.79	-0.43
a*	0.80	0.74	-0.05
b*	5.53	5.77	0.23
ΔE*			0.49

Sample preparation: As per Oxen Testing Process Standard sample: CG140L(Lot no.: 14.10.14) Tested sample: CG140L(Lot no.: 16.07.14)	Test average n=3 Instrument: Colorimeter Lamp-house/points of view: D65/10°
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We confirm Oxen Pearl Lustre Pigments are free from the following Chemicals:

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