

**Certificate Of Analysis (COS)  
 (Representative Sample)**

<b>Product Name</b>	<b>SHANIRA SUN</b>	<b>Color</b>	<b>White</b>	
<b>Particle size (um)</b>	<b>100-260</b>	<b>Appearance</b>	<b>Dry powder</b>	
<b>Chemical Composition</b>	<b>Percent(%)</b>	<b>CI NO.</b>	<b>CAS NO.</b>	<b>EINECS NO.</b>
Synthetic Fluorophlogopite	52-63		12003-38-2	234-426-5
Silica (SiO <sub>2</sub> )	21-26		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>	<b>Not soluble</b>
<b>Chemical Resistance</b>	<b>Stable in Dilute Acid &amp; Alkali</b>
<b>Loss on drying (105°C , 2 hours)</b>	<b>≤0.5%</b>
<b>PH-value(10% aqueous suspension)</b>	<b>3-7</b>
<b>Bulk density (g/cm<sup>3</sup>)</b>	<b>0.20-0.50</b>

	<b>Element</b>	<b>Standard Limits (pps)</b>	<b>Result</b>	
<b>Heavy metals:</b>	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	
	<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**

<b>Items</b>	<b>Standard Sample</b>	<b>Tested Sample</b>	<b>Chromatic Aberration</b>
L*	90.62	90.50	-0.11
a*	0.39	0.63	0.23
b*	3.19	3.33	0.13
ΔE*			0.28

Sample preparation: As per TKB Testing Process	Test average n=3
Standard sample: SS	Instrument: Colorimeter
Tested sample: SS	Lamp-house/points of view: D65/10°

**We confirm TKB Pearl Lustre Pigments are free from the following Chemicals:**  
 Free from Polycyclic Aromatic Hydrocarbons (PAH);  
 Free from Polychlorobiphenyls (PCB)