

# Certificate of Analysis

Representative



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<b>Product Name</b>	Luna Blue	<b>Color</b>	Cyan/Blue/Purple/Red	
<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	45-56		12003-38-2	234-426-5
Silica (SiO <sub>2</sub> )	25-30		7631-86-9	231-545-4
Titanium Dioxide(TiO <sub>2</sub> )	19-24	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>	0.20-0.50	
<b>Heavy metals:</b>	<b>Element</b>	<b>Standard Limits (pps)</b>
	Arsenic	<2
	Mercury	<1
	Selenium	<10
	Antimony	<2
	Lead	<10
	Cadmium	<1
	Chrome	<100
	Nickel	<10
Copper	<50	
<b>Microbial Purity:</b>	Aerobic Bacterial Count (CFU/g)	Max. 100
	Molds and Yeast Count (CFU/g)	Max. 100
	Pathogens	Negative

## Chromatic Aberration

Items	Standard Sample		
L*	83.22		
a*	8.29		
b*	11.52		
ΔE*			
		Test average n=3 Instrument: Colorimeter Lamp-house/points of view: D65/10°	

**We confirm this Pigment are free from the following Chemicals:**

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