



# Certificate of Analysis (Representative Sample)

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

<b>Product Name</b>	Fairy Violet	<b>Color</b>	Violet	
<b>Particle size (um)</b>	60-400	<b>Appearance</b>	Dry powder	
<b>Chemical Composition</b>	<b>Percent(%)</b>	<b>CI NO.</b>	<b>CAS NO.</b>	<b>EINECS NO.</b>
Calcium Sodium Borosilicate	84-87		65997-17-3	266-046-0
Titanium Dioxide(TiO <sub>2</sub> )	13-15		13463-67-7	236-675-5
SnO <sub>2</sub>	0-1	77891	13463-67-7	236-675-5
		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>	9-11		
<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*	90.81	90.94	0.12
a*	0.18	0.16	-0.02
b*	1.69	1.64	-0.05
ΔE*			0.13
Sample preparation: As per Testing Process Standard sample: Fairy Violet Tested sample: Fairy Violet		Test average n=3 Instrument: Colorimeter Lamp-house/points of view: D65/10°	

**We confirm TKB Pigments are free from the following Chemicals:**

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