



Certificate of Analysis (Representative Sample)

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Product Name	Marinda Star	Color	Mauve/Red/Orange/Yellow	
Particle size (um)	100-260	Appearance	Dry powder	
Chemical Composition	Percent(%)	CI NO.	CAS NO.	EINECS NO.
Synthetic Fluorophlogopite	60-71		12003-38-2	234-426-5
Silica (SiO ₂)	17-22		7631-86-9	231-545-4
Titanium Dioxide(TiO ₂)	12-17	77891	13463-67-7	2366755
SnO ₂	0-1	77861	18282-10-5	2421590

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)	3-7		
Bulk density (g/cm³)	0.20-0.50		
Heavy metals:	Element	Standard Limits (pps)	Result
	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	
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*	89.95	90.02	0.07
a*	0.30	0.23	-0.07
b*	1.31	1.52	0.20
ΔE*			0.22
Sample preparation: As per Testing Process Standard sample: Mari. Star Tested sample: Mari. Star		Test average n=3 Instrument: Colorimeter 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)