

PRODUCT SPECIFICATION

Product: K-RAY® SM SPARKLE CRYSTAL NT

INCI Name: Synthetic Fluorphlogopite (And) Cerium oxide (And) Silica

Test ID	Test Name	Specification			Test Method
		Min	Max	Text	
	Base pigments	The color components in this product meet the applicable US FDA 21-CFR, Japan MHW, and EU Regulation (EC) No 1223/2009 specifications and purity requirements.			
001A	Appearance	Free flowing white powder			Visual
002A	Odor	Odorless			Organoleptic
010A	Loss on Drying, %	0	0.5		1 gram sample, 2 hr @ 105°C
012B	Microbiology	Total bacterial count < 100/g (ml); Yeast and mold < 100/g (ml); No gram negative or positive			Current USP Microbial Limit Test
024W	Particle Size Range, µm >95% between Min/Max	40	160		CLRTM-42
025U	pH-Value (10% Aqueous Suspension)	4	11		CLRTM-45
037K	Oil Absorption, g/100g	45	90		CLRTM-46
038J	Density, g/cm ³	2.6	3.6		CLRTM-47
167G	Particle size, D50, um	85	95		Light Scattering
	* Notes on Storage	Store under dry conditions and keep containers closed.			
	Heavy Metal(s)				
027X	Arsenic, ppm	0	2		CLRTM-55
029U	Lead, ppm	0	10		CLRTM-55
031K	Mercury, ppm	0	1		CLRTM-55
032F	Antimony, ppm	0	2		CLRTM-55
079E	Barium, ppm	0	50		CLRTM-55
080E	Cadmium, ppm	0	4		CLRTM-55
081D	Chromium, ppm	0	100		CLRTM-55
082D	Copper, ppm	0	50		CLRTM-55
083D	Nickel, ppm	0	50		CLRTM-55

If you have any questions about the information contained within this document, please contact Stephanie Fiallos, tel +1 (908) 941-9108.

Mar. 2024

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