

PRODUCT SPECIFICATIONS

Product: **K-RAY® SM FINE BLACK**

INCI Name: Iron Oxides (CI 77499) (And) Synthetic Fluorphlogopite (And) Titanium Dioxide

Test ID	Test Name	Specification			Test Method
		Min	/ Max	/ Text	
001A	Appearance	Black Powder			Visual
002A	Odor	Characteristic			Organoleptic
012Q	Microbiology	Total bacterial count < 100/g (ml); Yeast and mold < 100/g (ml); No gram negative or positive			CLRTM-54
015N	TiO2%	1	5		CLRTM-48
024W	Particle Size Range, µm	5	25		CLRTM-42
025U	pH-Value (10% Aqueous Suspension)	4	11		CLRTM-45
037K	Oil Absorption, g/100g	40	90		CLRTM-46
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
<i>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.</i>					
027X	Arsenic, ppm	0	3		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	5		CLRTM-55
081D	Chromium, ppm	0	100		CLRTM-55
082D	Copper, ppm	0	50		CLRTM-55
083D	Nickel, ppm	0	100		CLRTM-55
084F	Zinc, ppm	0	100		CLRTM-55