

PRODUCT SPECIFICATIONS

Product: BGRO-TTB2

INCI Name: Iron Oxides (CI 77491) (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone

<u>Test ID</u>	<u>Test Name</u>	<u>Specification</u>			<u>Test Method</u>
		<u>Min</u>	<u>/</u>	<u>Max</u> / <u>Text</u>	
001A	Appearance	Fine Red Powder, TMS			Visual
002A	Odor	Practically none, TMS			Organoleptic
003K	Color	To match standard			Compare pressed pigment
010A	Loss on Drying, %	0		1	2hrs. @ 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
033B	Hydrophobicity	0.5g floats on 50 ml of water for more than 1 hour.			Float powder on water at room temperature
036A	Identification	Closely conforms to standard spectra.			IR
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
997A	* Note 2				
	Heavy Metal(s)				
027M	Arsenic (As), ppm	0		3	ICP-MS Method
029P	Lead (Pb), ppm	0		10	ICP-MS Method
031L	Mercury, ppm	0		1	ICP Method
998A	* Note	Colorant meets all requirements of US 21CFR, parts 70-82 and EU Regulation (EC) No 1223/2009, Annex IV.			