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PRODUCT SPECIFICATIONS

Product: BRO-I2

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

Test ID	Test Name	Specification Min / Max / Text		Test Method
001A	Appearance	Fine Red Powder		Visual
002A	Odor	Waxy		Organoleptic
010A	Loss on Drying, %	0.00	1.00	1 gram sample, 2 hr @ 105°C
012B	Microbiology	Total bacterial count < 100cfu/g (ml); Yeast and mold < 100cfu/g (ml); No gram negative or positive		Current USP Microbial Limit Test
033B	Hydrophobicity	Float 0.5g on 50 ml of water for more than 1 hour.		Float powder on water at room temperature
037A	Oil Absorption, g. / 100g.	15	35	ASTM Method D281-84
038A	Apparent Density, gm/cbi	5.00	15.00	CTFA Method C8-2, Scott Volumeter
042M	Residue on Ignition, %	96.50	98.50	3 hours @ 800°C
	* Notes on Storage	Store under dry conditions and keep containers closed.		
	* Note 2	---		
	Heavy Metal(s)			
	Base pigments	All the ingredients in this product meet the requirement for that ingredient as specified in 21 CFR, part 73 and E-172.		
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

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

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