

PRODUCT SPECIFICATION

Product: BRO-11S2

INCI Name: Iron Oxides (CI 77491) (And) Triethoxycaprylylsilane

<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	Visual
002A	Odor			Characteristic	Organoleptic
010A	Loss on Drying, %		0.00	1.00	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
033A	Hydrophobicity		Place 5g On 50g water. Shake 10 times. Water remains clear.		Shake powder with water in a jar
037A	Oil Absorption, g. / 100g.		15	30	ASTM Method D281-84
	* Notes on Storage		Store under dry conditions and keep containers closed.		
	* Note		---		
	Heavy Metal(s)				
	Base pigments		Iron oxide meets 21CFR and E-172 specifications prior to surface treatment		
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

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

Feb. 2024