

PRODUCT SPECIFICATIONS

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, 2hrs. @ 105°C
012B	Microbiology			<100 cfu/g Total Bacteria, Mold, and Yeast; No Gram Negatives	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
996A	* Notes on Storage			Store under dry conditions and keep containers closed.	
998A	* Note				
				<i>Iron oxide meets 21CFR and E-172 specifications prior to surface treatment</i>	
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