

PRODUCT SPECIFICATIONS

Product: **BYO-11S2**

INCI Name: Iron Oxides (CI 77492) (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 Yellow 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 0.5g On 50g water. Shake 10 times. Water remains clear.			Shake powder with water in a jar
037A	Oil Absorption, g. / 100g.	40		60	ASTM Method D281-84
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
998A	* Note				
<i>Iron Oxide prior to surface treatment meets all FDA 21 CFR requirements</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