

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, 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 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
	* Notes on Storage	Store under dry conditions and keep containers closed.			
	* Note	---			
	Heavy Metal(s)				
	Base pigments	Iron Oxide prior to surface treatment meets all FDA 21 CFR requirements			
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.

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