

PRODUCT SPECIFICATIONS

Product: **BYO-ASG3**

INCI Name: Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid

<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, TMS	Organoleptic
003I	Color			To match standard	Compare drawdown against standard
010A	Loss on Drying, %	0		1	1 gram sample, 2hrs. @ 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
033B	Hydrophobicity			Float 0.5g on 50 ml of water for more than 1 hour.	Float powder on water at room temperature
038A	Apparent Density, gm/cbi	1.5		3.5	CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage			Store under dry conditions and keep containers closed.	
997A	* Note 2				
	Heavy Metal(s)				
027S	Arsenic ppm	< 3			ICP-AES
029V	Lead, ppm	< 10			JSQI
031L	Mercury, ppm	< 1			ICP Method
997	* Note			Iron oxides meet 21 CFR and E-172 specifications prior to surface treatment	

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

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