

## PRODUCT SPECIFICATIONS

Product: **BYO-ASG3**

INCI Name: Iron Oxides (C.I. 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>/</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	2hrs. @ 105°C
012B	Microbiology				<100 cfu/g; No Pathogens	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
038H	Apparent Density, g/cm <sup>3</sup>		1.5		3.5	CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage				Store under dry conditions and keep containers closed.	
	<b>Heavy Metal(s)</b>					
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 Kobo QC Department at extension 7106. Dec. 2016

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