

PRODUCT SPECIFICATIONS

Product: BWBO-ASGP3

INCI Name: Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic 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 black powder	Visual
002A	Odor			Characteristic, To Match Standard	Organoleptic
003K	Color			To Match Standard	Compare pressed pigment
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 1 g of sample on 45 mL of water. Shake 10x. Water remains clear.	Shake powder with water in a jar
038A	Apparent Density, gm/cbi	6.00		10.00	CTFA Method C8-2, Scott Volumeter
	* Notes on Storage			Store under dry conditions and keep containers closed.	
	Heavy Metal(s)				
027S	Arsenic ppm	< 3			ICP-AES
029E	Lead, ppm	< 10			ICP-OES
031L	Mercury, ppm	< 1			ICP Method
	* 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 Stephanie Fiallos, tel +1 (908) 941-9108.

Feb. 2023