

PRODUCT SPECIFICATIONS

Product: BWRO-ASGP3

INCI Name: Iron Oxides (CI 77491) (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 red powder	Visual
002A	Odor			Characteristic, TMS	Organoleptic
003K	Color			To match standard	Compare pressed pigment
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			Place 1 g of sample on 45 mL of water. Shake 10x. Water remains clear.	Float powder on water at room temperature
038A	Apparent Density, gm/cbi			----	CTFA Method C8-2, Scott Volumeter
996A	* 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-AES
031L	Mercury, ppm			< 1	ICP Method
998A	* Note			Iron oxides meet 21 CFR and E-172 specifications prior to surface treatment	