

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, 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 | 4.00 | | 9.00 | 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.

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