

PRODUCT SPECIFICATIONS

Product: RED 27AL-I2

INCI Name: Red 27 Lake (And) Isopropyl Titanium Triisostearate

| <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 pink powder, To Match Standard | | | Visual |
| 002A | Odor | A faint characteristic odor, To Match Standard | | | Organoleptic |
| 010A | Loss on Drying, % | 0.00 | | 18.00 | 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 |
| 027M | Arsenic (As), ppm | 0 | | 3 | ICP-MS Method |
| 029P | Lead (Pb), ppm | 0 | | 20 | ICP-MS Method |
| 031L | Mercury, ppm | 0 | | 1 | ICP Method |
| 033B | Hydrophobicity | Float 0.5 g of material on 50 mL of water for more than 1 hr | | | Float powder on water at room temperature |
| 038A | Apparent Density, gm/cbi | 1.00 | | 5.00 | CTFA Method C8-2, Scott Volumeter |
| | * Notes on Storage | Store under dry conditions and keep containers closed. | | | |
| | * Note 2 | --- | | | |
| | * Note | The colorants in this ingredient meet all applicable European (as specified in EU Annexes and Cosmetic Directives) and US (as specified in 21 CFR) Government Regulations and Standards for all intended Cosmetic uses of the ingredient. | | | |

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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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