

PRODUCT SPECIFICATIONS

Product: A15-TiO2-SX-DS6

INCI Name: Titanium Dioxide (And) Silica (And) Dimethicone

| <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 white powder; No grit | | | Visual |
| 002A | Odor | Characterisitic, TMS | | | Organoleptic |
| 010A | Loss on Drying, % | 0.00 | | 2.50 | 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 |
| 016B | TiO2% | 74.0 | | 79.0 | XRF |
| 033A | Hydrophobicity | Place 1g On 45g water. Shake 10 times. Water remains clear. | | | Shake powder with water in a jar |
| 036A | Identification | To Match Standard | | | IR |
| 996A | * Notes on Storage | Store under dry conditions and keep containers closed. | | | |
| <i>TiO2 meets USP specifications prior to surface treatment</i> | | | | | |
| 027C | Arsenic, ppm | 0 | | 1 | USP Method |
| 029I | Lead, ppm | 0 | | 10 | USP Method |
| 031H | Mercury, ppm | 0 | | 1 | USP method |
| 032G | Antimony, ppm | 0 | | 2 | USP method |