

PRODUCT SPECIFICATIONS

Product: A35-TiO₂-MDS6

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

| <u>Test ID</u> | <u>Test Name</u> | <u>Specification</u> | | | <u>Test Method</u> |
|--|--------------------|---|------------|-------------|----------------------------------|
| | | <u>Min</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 | 2 | | 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 | TiO ₂ % | 88 | 95 | | XRF |
| 033A | Hydrophobicity | Place 1g On 45g water. Shake 10 times. Water remains clear. | | | Shake powder with water in a jar |
| 996A | * Notes on Storage | Store under dry conditions and keep containers closed. | | | |
| <i>TiO₂ prior to surface treatment meets USP specifications for attenuation grade TiO₂</i> | | | | | |
| 027C | Arsenic, ppm | < 1 | | | USP Method |
| 029I | Lead, ppm | < 10 | | | USP Method |
| 031H | Mercury, ppm | < 1 | | | USP method |