

## PRODUCT SPECIFICATIONS

Product: A1K-TiO<sub>2</sub>-ASG3

INCI Name: Titanium Dioxide (And) Aluminum Hydroxide (And) Stearoyl Glutamic Acid

| <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   | Visual                                    |
| 002A           | Odor                       |                      |            | Characteristic  | Organoleptic                              |
| 010A           | Loss on Drying, %          |                      |            |   | 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          |
| 016E           | TiO <sub>2</sub> %         |                      |            |   | USP Method                                |
| 033B           | Hydrophobicity             |                      |            | 0.5g floats on 50 ml of water for more than 1 hour.   | Float powder on water at room temperature |
| 037A           | Oil Absorption, g. / 100g. |                      |            |   | ASTM Method D281-84                       |
| 038A           | Apparent Density, gm/cbi   |                      |            |   | CTFA Method C8-2, Scott Volumeter         |
| 996A           | * Notes on Storage         |                      |            | Store under dry conditions and keep containers closed.  |   |