

PRODUCT SPECIFICATIONS

Product: **KTZ® CLASSIC WHITE**

INCI Name: Mica (And) Titanium Dioxide

| <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 | Free flowing silver white powder | | | Visual |
| 002A | Odor | None | | | Organoleptic |
| 012B | Microbiology | Total bacterial count < 100/g (ml); Yeast and mold < 100/g (ml); No gram negative or positive | | | Current USP Microbial Limit Test |
| 015N | TiO ₂ % | 22 | | 34 | CLRTM-48 |
| 024W | Particle Size Range, μm | 10 | | 60 | CLRTM-42 |
| 024X | Median size (D50), μm | 17 | | 27 | CLRTM-42 |
| 025U | pH-Value (10% Aqueous Suspension) | 6 | | 11 | CLRTM-45 |
| 027X | Arsenic, ppm | 0 | | 2 | CLRTM-55 |
| 029U | Lead, ppm | 0 | | 10 | CLRTM-55 |
| 031K | Mercury, ppm | 0 | | 1 | CLRTM-55 |
| 032F | Antimony, ppm | 0 | | 2 | CLRTM-55 |
| 080E | Cadmium, ppm | 0 | | 3 | CLRTM-55 |
| 084F | Zinc, ppm | 0 | | 50 | CLRTM-55 |
| 996A | * Notes on Storage | Store under dry conditions and keep containers closed. | | | |
| 997A | * Note 2 | No organic colorants are present in this product. | | | |
| 998A | * Note | The color components in this product meet the applicable US FDA (21-CFR requirements), Japan MHW, and EU Cosmetic Directive specifications and purity. | | | |