

PRODUCT SPECIFICATIONS

KTZ® SHIMMER GOLD-I2

INCI Name: Mica (And) Titanium Dioxide (And) Isopropyl Titanium Triisostearate

| Test ID | Test Name | Specification | Test Methods |
|----------------|------------------------------------|---|---|
| 001A | Appearance | Free flowing off-white powder with a gold appearance | Visual |
| 002A | Odor | Slight characteristic odor, TMS | Organoleptic |
| 003G | Color Gardner | To match standard | Gardner |
| 010A | Loss on Drying, % | Min : 0 - Max : 1 | 2hrs. @ 105°C |
| 012B | Microbiology | < 100 cfu/g; No Pathogens | Current USP Microbial Limit Test |
| 027A | Arsenic, ppm | Min : 0 - Max : 1 | JSCI Method |
| 029D | Lead, ppm | Min : 0 - Max : 10 | FDA Method |
| 031C | Mercury, ppm | Min : 0 - Max : 1 | AAS |
| 032B | HCL-soluble: Antimony (as Sb), ppm | Min : 0 - Max : 2 | FDA method |
| 033B | Hydrophobicity | Float 1 g of powder on 50 mL of water for more than 1 h | Float powder on water at room temperature |
| 080B | Cadmium, ppm | Min : 0 - Max : 1 | AAS |
| 084A | Zinc, ppm | Min : 0 - Max : 50 | AAS |

Patent # 4,877,604

If you have any questions about the information contained within this document, please contact Kobo's QC department extension 7113 or 7106.

Aug. 2010