

## **PRODUCT SPECIFICATIONS**

### **KTZ® CELANDON GOLD-I2**

*INCI Name: Titanium Dioxide (And) Mica (And) Iron Oxides (C.I. 77491) (And) Isopropyl Titanium Triisostearate*

| <b>Test ID</b> | <b>Test Name</b>         | <b>Specification</b>                               | <b>Test Methods</b>                       |
|----------------|--------------------------|--|---|
| 001A           | Appearance               | Golden fine free flowing powder                    | Visual                                    |
| 002A           | Odor                     | Slight characteristic odor, TMS                    | Organoleptic                              |
| 003I           | Color                    | To match standard                                  | Compare drawdown against standard         |
| 010A           | Loss on Drying, %        | Min : 0 - Max : 1                                  | 2hrs. @ 105°C                             |
| 012B           | Microbiology             | <100 cfu/g; No Pathogens                           | Current USP Microbial Limit Test          |
| 024F           | Median Particle Size, µm |  | Light Scattering Sizer                    |
| 027F           | Arsenic, ppm             | Min : 0 - Max : 1                                  | AAS                                       |
| 029H           | Lead, ppm                | Min : 0 - Max : 10                                 | AAS                                       |
| 031C           | Mercury, ppm             | Min : 0 - Max : 1                                  | AAS                                       |
| 032A           | Antimony, ppm            | Min : 0 - Max : 2                                  | AAS                                       |
| 033B           | Hydrophobicity           | Float 0.5g on 50 ml of water for more than 1 hour. | Float powder on water at room temperature |
| 080B           | Cadmium, ppm             | Min : 0 - Max : 1                                  | AAS                                       |
| 084A           | Zinc, ppm                | Min : 0 - Max : 50                                 | AAS                                       |

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

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