

PRODUCT SPECIFICATIONS

KTZ® MISTERIOSO BLUE

INCI Name: Mica (And) Titanium Dioxide (And) Iron Oxides (C.I. 77499)

| Test ID | Test Name | Specification | Test Methods |
|----------------|-----------------------------------|--|-----------------------------------|
| 001A | Appearance | Free flowing blue powder | Visual |
| 002A | Odor | None | Organoleptic |
| 003I | Color | To match standard | Compare drawdown against standard |
| 012B | Microbiology | <100 cfu/g; No Pathogens | Current USP Microbial Limit Test |
| 024F | Median Particle Size, µm | -- | Light Scattering Sizer |
| 024J | Particle Size Range, µm | --- | Light Scattering Sizer |
| 025U | pH-Value (10% Aqueous Suspension) | Min : 6 - Max : 11 | TZTM-45 |
| 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 |
| 079A | Barium, ppm | Min : 0 - Max : 50 | AAS |
| 080B | Cadmium, ppm | Min : 0 - Max : 1 | AAS |
| 081A | Chromium, ppm | Min : 0 - Max : 100 | AAS |
| 082A | Copper, ppm | Min : 0 - Max : 50 | AAS |
| 083A | Nickel, ppm | Min : 0 - Max : 200 | AAS |
| 084A | Zinc, ppm | Min : 0 - Max : 50 | AAS |
| 877X | Base pigments | This material meets all applicable purity requirements of the FDA(21-CFR) and the E.C. for cosmetic color additives. | Tested by supplier |

If you have any questions about the information contained within this document, please contact Kobo's QC department extension 7113 or 7106.
Feb. 2012