

## PRODUCT SPECIFICATIONS

### KTZ® SHIMMER VIOLET

INCI Name: Mica (And) Titanium Dioxide

Test ID	Test Name	Specification	Test Methods
001A	Appearance	White	Visual
002A	Odor	Odorless	Organoleptic
012Q	Microbiology	<100 cfu/g, No gram negative	TZTM-54
015N	TiO2%	Min : 28 - Max : 38	TZTM-48
024W	Particle Size Range, µm	Min : 16 - Max : 128	TZTM-42
024X	Median size (D50), µm	Min : 54 - Max : 72	TZTM-42
025U	pH-Value (10% Aqueous Suspension)	Min : 6 - Max : 10	TZTM-45
026K	Heavy Metals:		TZTM-55
027I	Arsenic (As), ppm	Min : 0 - Max : 1	
029J	Lead (ppm)	Min : 0 - Max : 10	
031G	Mercury (ppm)	Min : 0 - Max : 1	
032D	Antimony (ppm)	Min : 0 - Max : 2	
037K	Oil Absorption	Min : 60 - Max : 90	TZTM-46
080D	Cadmium (ppm)	Min : 0 - Max : 1	
084D	Zinc (ppm)	Min : 0 - Max : 50	ICP-AES
150B	Mica, %	Min : 62 - Max : 72	TZTM-51
998A	* Note	The color additives in this material meet all applicable purity requirements of the FDA(21 - CFR) for cosmetic use.	

If you have any questions about the information contained within this document, please contact Kobo's QC department extension 7113 or 7106.  
Aug. 2010