

## **PRODUCT SPECIFICATIONS**

### **KTZ® CITRINE**

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

<b>Test ID</b>	<b>Test Name</b>	<b>Specification</b>	<b>Test Methods</b>
001A	Appearance	Free flowing amber powder	Visual
002A	Odor	Similar in character and intensity to standard, practically odorless	Organoleptic
012B	Microbiology	<100 cfu/g; No Pathogens	Current USP Microbial Limit Test
015N	TiO2%	---	TZTM-48
024F	Median Particle Size, µm	---	Light Scattering Sizer
024J	Particle Size Range, µm	---	Light Scattering Sizer
025I	pH 10% Aq. Dispersion	Min : 6 - Max : 11	10% slurry, measure supernant
027B	Arsenic, ppm	< 1	See cofa of raw pigment
029A	Lead, ppm	< 10	See cofa of raw pigment
031A	Mercury, ppm	< 1	See cofa of raw pigment
032F	Antimony, ppm	< 2	TZTM-55
037A	Oil Absorption, g. / 100g.	---	ASTM Method D281-84
079A	Barium, ppm	< 50	AAS
080E	Cadmium, ppm	< 1	TZTM-55
081D	Chromium, ppm	< 100	TZTM-55
082D	Copper, ppm	< 50	TZTM-55
083D	Nickel, ppm	< 10	TZTM-55
084F	Zinc, ppm	< 50	TZTM-55

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

Jan. 2011