

PRODUCT SPECIFICATIONS

KTZ® CITRINE-11S2

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

Test ID	Test Name	Specification	Test Methods
001A	Appearance	Free flowing amber powder	Visual
002A	Odor	Slight characteristic odor, TMS	Organoleptic
010A	Loss on Drying, %	---	2hrs. @ 105°C
012B	Microbiology	<100 cfu/g; No Pathogens	Current USP Microbial Limit Test
024F	Median Particle Size, µm	----	Light Scattering Sizer
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
032C	Antimony, ppm	< 2	See cofa of raw pigment
033B	Hydrophobicity	Float 0.5g on 50 ml of water for more than 1 hour.	Float powder on water at room temperature
079A	Barium, ppm	< 50	AAS
080E	Cadmium, ppm	< 1	TZTM-55
081A	Chromium, ppm	< 100	AAS
082A	Copper, ppm	< 50	AAS
083A	Nickel, ppm	< 10	AAS
084G	Zinc, ppm	< 50	USP Method
877X	Base pigments	Pearl pigment before surface treatment	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.
Jan. 2011*