

PRODUCT SPECIFICATIONS

KTZ® TANGERINE-I2

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

Test ID	Test Name	Specification	Test Methods
001A	Appearance	Free flowing powder with light brown appearance	Visual
002A	Odor	Slight characteristic odor, TMS	Organoleptic
003K	Color	To match standard	Compare pressed pigment
012B	Microbiology	<100 cfu/g; No Pathogens	Current USP Microbial Limit Test
015N	TiO2%	---	TZTM-48
024J	Particle Size Range, µm	----	Light Scattering Sizer
024U	Median Particle Size, µm	----	
027C	Arsenic, ppm	Min : 0 - Max : 1	USP-211, Arsenic Limit Test
029H	Lead, ppm	Min : 0 - Max : 10	AAS
031E	Mercury, ppm	Min : 0 - Max : 1	JSCI Method
032C	Antimony, ppm	Min : 0 - Max : 2	See cofa of raw pigment
033A	Hydrophobicity	Float 0.5g on 50 ml of water for more than 1 hour.	Shake powder with water in a jar
052A	Identification	To match standard	Burning and Dissolution test
079A	Barium, ppm	Min : 0 - Max : 50	AAS
080B	Cadmium, ppm	Min : 0 - Max : 1	AAS
081A	Chromium, ppm	Min : 0 - Max : 100	AAS
082B	Copper, ppm	Min : 0 - Max : 50	See cofa of raw pigment
083C	Nickel, ppm	Min : 0 - Max : 200	
084C	Zinc, ppm	Min : 0 - Max : 50	See cofa of raw pigment
998A	* Note	All ingredients comply with applicable FDA and EEC specifications	

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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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