

## PRODUCT SPECIFICATIONS

### KTZ® CRIMSON

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

Test ID	Test Name	Specification	Test Methods
001A	Appearance	Free flowing red powder with light brown reflection	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
024F	Median Particle Size, µm	---	Light Scattering Sizer
024J	Particle Size Range, µm	---	Light Scattering Sizer
025K	pH 16.7% Aq. Dispersion	---	JSCI
027F	Arsenic, ppm	Min : 0 - Max : 1	AAS
029F	Lead, ppm	Min : 0 - Max : 10	JSCI Method
031E	Mercury, ppm	Min : 0 - Max : 1	JSCI Method
032H	Antimony, ppm	Min : 0 - Max : 2	ICP Method
079B	Barium, ppm	Min : 0 - Max : 50	See cofa of raw pigment
080B	Cadmium, ppm	Min : 0 - Max : 1	AAS
081C	Chromium, ppm	Min : 0 - Max : 100	
082D	Copper, ppm	Min : 0 - Max : 50	TZTM-55
083B	Nickel, ppm	Min : 0 - Max : 200	See cofa of raw pigment
084A	Zinc, ppm	Min : 0 - Max : 50	AAS

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

Oct. 2011