

PRODUCT SPECIFICATIONS

RBTD-671-11S2

INCI Name: Titanium Dioxide (And) Triethoxycaprylylsilane

Test ID	Test Name	Specification	Test Methods
001A	Appearance	White Powder, Tms	Visual
002A	Odor	Characteristic, Tms	Organoleptic
003A	Color	To Match Standard	Drawdown dispersion in castor oil
010B	Loss on Drying, %	Min : 0 - Max : 1	15 min at 80 C
012B	Microbiology	<100 cfu/g; No Pathogens	Current USP Microbial Limit Test
024J	Particle Size Range, µm	Min : 0.18 - Max : 0.80	Light Scattering Sizer
027G	Arsenic, ppm	Min : 0 - Max : 1	CTFA Method F 1-1, Silver Diethyldithiocarbamate
029B	Lead, (as Pb), ppm	Min : 0 - Max : 10	Weak Acid Extraction AA Method
031C	Mercury, ppm	Min : 0 - Max : 1	AAS
033B	Hydrophobicity	Place 5g On 45g water. Shake 10 times. Water remains clear.	Float powder on water at room temperature
037A	Oil Absorption, g. / 100g.	Min : 15 - Max : 30	ASTM Method D281-84
038A	Apparent Density, gm/cbi	Min : 6.50 - Max : 10.00	CTFA Method C8-2, Scott Volumeter
997A	* Note2	All the ingredients in this product meet the requirement for that ingredient as specified in 21 CFR.	
998A	* Note	TiO2 prior to surface treatment passes USP specifications.	

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