

PRODUCT SPECIFICATIONS

TiO2 STT-65S-I3

INCI Name: Titanium Dioxide (And) Isopropyl Titanium Triisostearate

Test ID	Test Name	Specification	Test Methods
001A	Appearance	Fine White Powder	Visual
002A	Odor	Waxy	Organoleptic
010A	Loss on Drying, %	Min : 0.00 - Max : 1.50	2hrs. @ 105°C
012B	Microbiology	<100 cfu/g; No Pathogens	Current USP Microbial Limit Test
016A	TiO2%	Min : 93 - Max : 97	Acid Digest/ICP-AES
024N	Mean Particle Size, µm	Min : 0 - Max : 1	Light Scattering Sizer
027F	Arsenic, ppm	Min : 0 - Max : 1	AAS
029H	Lead, ppm	Min : 0 - Max : 10	AAS
031C	Mercury, ppm	Min : 0 - Max : 1	AAS
032A	Antimony, ppm	Min : 0 - Max : 1	AAS
033B	Hydrophobicity	Float 0.5g on 50 ml of water for more than 1 hour.	Float powder on water at room temperature
037A	Oil Absorption, g. / 100g.	Min : 35 - Max : 50	ASTM Method D281-84
038A	Apparent Density, gm/cbi	Min : 4.50 - Max : 9.00	CTFA Method C8-2, Scott Volumeter
877X	Base pigments	TiO2 prior to surface treatment meets all USP requirements	Tested by supplier

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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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