

PRODUCT SPECIFICATIONS

Product: TiO₂ STT-65S-I3

INCI Name: Titanium Dioxide (And) Isopropyl Titanium Triisostearate

<u>Test ID</u>	<u>Test Name</u>	<u>Specification</u>			<u>Test Method</u>
		<u>Min</u>	<u>Max</u>	<u>Text</u>	
001A	Appearance	Fine White Powder			Visual
002A	Odor	Waxy			Organoleptic
010A	Loss on Drying, %	0.00	1.50		1 gram sample, 2hrs. @ 105°C
012B	Microbiology	Total bacterial count < 100/g (ml); Yeast and mold < 100/g (ml); No gram negative or positive			Current USP Microbial Limit Test
016B	TiO ₂ %	93	97		XRF
024N	Mean Particle Size, μm	0	1		Light Scattering Sizer
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.	35	50		ASTM Method D281-84
038A	Apparent Density, gm/cbi	2.00	5.50		CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
998A	* Note				
	<i>TiO₂ prior to surface treatment meets all USP requirements</i>				
027F	Arsenic, ppm	0	1		AAS
029H	Lead, ppm	0	10		AAS
031C	Mercury, ppm	0	1		AAS
032A	Antimony, ppm	0	1		AAS

If you have any questions about the information contained within this document, please contact Kevin Meyer, tel +1 (908) 941-9108.

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