

PRODUCT SPECIFICATIONS

Product: TiO₂-IR300-11S2

INCI Name: Titanium Dioxide (And) Triethoxycaprylylsilane

<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	White Powder, TMS			Visual
002A	Odor	Characteristic, TMS			Organoleptic
010A	Loss on Drying, %	0.00	1.00		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
033A	Hydrophobicity	Place 1g On 45g water. Shake 10 times. Water remains clear			Shake powder with water in a jar
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
	Heavy Metal(s)				
000X	Base pigments	The TiO ₂ prior to surface treatment meets all the applicable regulations and standards for 21CFR and E-171, in addition to the specifications for non-attenuation grade TiO ₂ as described in the USP monograph.			Tested by supplier
027H	Arsenic (as As), ppm	0	1		FDA method
029D	Lead, ppm	0	10		FDA Method
031F	Mercury, ppm	0	1		FDA method
032J	Antimony, ppm	0	2		FDA method

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

Sep. 2021