

PRODUCT SPECIFICATIONS

Product: A15-TiO2-SR-DS4

INCI Name: Titanium Dioxide (And) Silica (And) Dimethicone

<u>Test ID</u>	<u>Test Name</u>	<u>Specification</u>			<u>Test Method</u>
		<u>Min</u>	<u>/</u>	<u>Max</u> / <u>Text</u>	
001A	Appearance	Fine white powder; No grit			Visual
002A	Odor	Characteristic, To Match Standard			Organoleptic
010A	Loss on Drying, %	0		2.5	1 gram sample, 2 hr @ 105°C
012B	Microbiology	Total bacterial count < 100cfu/g (ml); Yeast and mold < 100cfu/g (ml); No gram negative or positive			Current USP Microbial Limit Test
016B	TiO2%	82		87	XRF
033A	Hydrophobicity	Place 1g On 45g water. Shake 10 times. Water remains clear.			Shake powder with water in a jar
036A	Identification	To Match Standard			IR
038A	Apparent Density, gm/cbi	1.4		2.4	CTFA Method C8-2, Scott Volumeter
	* Notes on Storage	Store under dry conditions and keep containers closed.			
	Heavy Metal(s)				
	Base pigments	TiO2 meets USP specifications prior to surface treatment			
027C	Arsenic, ppm	0		1	USP Method
029I	Lead, ppm	0		10	USP Method
031H	Mercury, ppm	0		1	USP method
032G	Antimony, ppm	0		2	USP method

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

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