

PRODUCT SPECIFICATIONS

Product: A15-TiO2-SRX-DS3

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%		78.0	83.0	XRF
031H	Mercury, ppm		0	1	USP method
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		1.5	3	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
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.

Dec. 2024