

## PRODUCT SPECIFICATIONS

Product: A10-TiO2-SA-ASG8

INCI Name: Titanium Dioxide (And) Aluminum Hydroxide (And) Stearoyl Glutamic Acid (And) Hydrated Silica

<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			Characterisitic, TMS	Organoleptic
010A	Loss on Drying, %	0		2	2hrs. @ 105°C
012B	Microbiology			TPC < 100 cfu/g; Yeast and Mold < 100 cfu/g; No Gram Negative TPC < 100 cfu/g; Yeast and Mold < 100 cfu/g; No Gram Negative	Current USP Microbial Limit Test
016E	TiO2 %	72.5		80	USP Method
033A	Hydrophobicity			Place 1g On 45g water. Shake 10 times. Water remains clear.	Shake powder with water in a jar
038A	Apparent Density, gm/cbi	2		5	CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage			Store under dry conditions and keep containers closed.	
	<b><i>TiO2 prior to surface treatment meets USP specifications for attenuation grade TiO2</i></b>				
027C	Arsenic, ppm	< 1			USP Method
029I	Lead, ppm	< 10			USP Method
031H	Mercury, ppm	< 1			USP method