

PRODUCT SPECIFICATIONS

Product: TTO-SIM14

INCI Name: Titanium Dioxide (And) Alumina (And) Hydrogen Dimethicone (And) Triethoxycaprylylsilane

<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	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	TiO2%	72		78	XRF
033A	Hydrophobicity	Place 0.5 g On 45g water. Shake 10 times. Water remains clear.			Shake powder with water in a jar
038A	Apparent Density, gm/cbi	---			CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
997A	* Note 2				
998A	* Note	TiO2 meets USP specifications prior to surface treatment			