

## PRODUCT SPECIFICATIONS

Product: JTTO-MS7

INCI Name: Titanium Dioxide (And) Alumina (And) Hydrogen 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			Characterisitic, TMS	Organoleptic
010A	Loss on Drying, %	0		2	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
024N	Mean Particle Size, µm	0.70		1.70	Light Scattering Sizer
033A	Hydrophobicity			Place 1g On 45g water. Shake 10 times. Water remains clear.	Shake powder with water in a jar
036A	Identification			Matches Reference Standard	IR
038A	Apparent Density, gm/cbi	1.00		2.20	CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage			Store under dry conditions and keep containers closed.	
	<b><i>TiO2 meets USP specifications prior to surface treatment</i></b>				
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