

PRODUCT SPECIFICATIONS

Product: **BTD-MS2**

INCI Name: Titanium Dioxide (And) Methicone

<u>TestID</u>	<u>TestName</u>	<u>Specification</u>			<u>Test Method</u>
		<u>Min</u>	<u>Max</u>	<u>Text</u>	
001A	Appearance			Fine White Powder, No Grit	Visual
002A	Odor			Characteristic	Organoleptic
010A	Loss on Drying, %	0	1		2hrs. @ 105°C
012B	Microbiology			<100 cfu/g; No Pathogens	Current USP Microbial Limit Test
027G	Arsenic, ppm	0	1		CTFA Method F 1-1, Silver Diethyldithiocarbamate
029B	Lead, (as Pb), ppm	0	10		Weak Acid Extraction AA Method
031C	Mercury, ppm	0	1		AAS
032A	Antimony, ppm	0	2		AAS
033B	Hydrophobicity			Place 5g On 45g water. Shake 10 times. Water remains clear.	Float powder on water at room temperature
037A	Oil Absorption, g. / 100g.	25	45		ASTM Method D281-84
038A	Apparent Density, gm/cbi	5	8		CTFA Method C8-2, Scott Volumeter
998A	* Note			TiO2 prior to surface treatment meets all CFR and E-171 requirements and passes USP specifications.	