

PRODUCT SPECIFICATIONS

Product: **BTD/MM3**

INCI Name: Titanium Dioxide (And) Magnesium Myristate

<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	Waxy			Organoleptic
010A	Loss on Drying, %	0.00		1.00	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
016E	TiO ₂ %	99.00		100.50	USP Method
033B	Hydrophobicity	Float 0.5g on 50 ml of water for more than 1 hour.			Float powder on water at room temperature
037A	Oil Absorption, g. / 100g.	15		45	ASTM Method D281-84
038A	Apparent Density, gm/cbi	5.00		9.00	CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
998A	* Note				
	<i>TiO₂ meets USP specifications prior to surface treatment</i>				
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