

PRODUCT SPECIFICATIONS

Product: **BTD-ASG2**

INCI Name: Titanium Dioxide (And) Stearoyl Glutamic Acid

<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			Slight characteristic odor, TMS	Organoleptic
003A	Color			To Match Standard	Drawdown dispersion in castor oil
010B	Loss on Drying, %	0		1	15 min at 80 C
012B	Microbiology			TPC < 100 cfu/g; Yeast and Mold < 100 cfu/g; No Gram Negative	Current USP Microbial Limit Test
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.	---			ASTM Method D281-84
038A	Apparent Density, gm/cbi	---			CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage			Store under dry conditions and keep containers closed.	
<i>Prior to surface treatment, TiO2 meets 21 CFR, E-171 and USP specifications.</i>					
027F	Arsenic, ppm	0		1	AAS
029B	Lead, (as Pb), ppm	0		10	Weak Acid Extraction AA Method
031D	Mercury, ppm	0		1	Weak Acid Extraction AA Method
032A	Antimony, ppm	0		2	AAS