

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
010A	Loss on Drying, %	0		1	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
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		35	ASTM Method D281-84
038A	Apparent Density, gm/cbi	5		10	CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
997A	* Note 2				
998A	* Note				
<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

If you have any questions about the information contained within this document, please contact Kevin Meyer, tel +1 (908) 941-9108.

Mar. 2021