

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>/ Max</u>	<u>/ Text</u>	
001A	Appearance	Fine white powder, No Grit			Visual
002A	Odor	Slight characteristic odor, To Match Standard			Organoleptic
003A	Color	To Match Standard			Drawdown dispersion in castor oil
010A	Loss on Drying, %	0.00		1.00	1 gram sample, 2 hr @ 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	5.00		10.00	CTFA Method C8-2, Scott Volumeter
	* Notes on Storage	Store under dry conditions and keep containers closed.			
	* Note 2	---			
	* Note	---			
	Heavy Metal(s)				
	Base pigments	Prior to surface treatment, TiO2 meets 21 CFR, E-171 and USP specifications.			
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 Stephanie Fiallos, tel +1 (908) 941-9108.

May. 2023