

## PRODUCT SPECIFICATIONS

Product: **BTD-ASGP3**

INCI Name: Titanium Dioxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic 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
003K	Color			To Match Standard	Compare pressed pigment
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
033A	Hydrophobicity			Place 1 g of powder on 50 mL of water. Shake 10x. Water remains clear.	Shake powder with water in a jar
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.	
				<b><i>Prior to surface treatment, TiO2 meets 21 CFR, E-171 and USP specifications.</i></b>	
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.

Jun. 2021