

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>/</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
033B	Hydrophobicity				Place 1 g of powder on 50 mL of water. Shake 10 X. Water remains clear.	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