

## PRODUCT SPECIFICATION

Product: **BTD-100-ASGP4**

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, To Match Standard	Organoleptic
010A	Loss on Drying, %		0	1	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
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.		13	25	ASTM Method D281-84
038A	Apparent Density, gm/cbi		3.5	6.5	CTFA Method C8-2, Scott Volumeter
	* Notes on Storage			Store under dry conditions and keep containers closed.	
	<b>Heavy Metal(s)</b>				
	Base pigments			Prior to surface treatment, TiO2 meets 21 CFR, E-171 and USP specifications.	
027H	Arsenic (as As), ppm		0	1	FDA method
029D	Lead, ppm		0	10	FDA Method
031F	Mercury, ppm		0	1	FDA method
032J	Antimony, ppm		0	2	FDA method

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

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