

PRODUCT SPECIFICATION

Product: **BTD-100-I2**

INCI Name: Titanium Dioxide (And) Isopropyl Titanium Triisostearate

<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	Visual
002A	Odor			Characteristic	Organoleptic
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
017A	Loss On Ignition, %		0.5	2.5	CTFA method E17-2 (3 hr @ 800°C)
033A	Hydrophobicity		Place 1g On 45g water. Shake 10 times. Water remains clear		Shake powder with water in a jar
036A	Identification		To Match Standard		IR
037A	Oil Absorption, g. / 100g.		15.0	30.0	ASTM Method D281-84
038A	Apparent Density, gm/cbi		4.00	7.00	CTFA Method C8-2, Scott Volumeter
	* Notes on Storage		Store under dry conditions and keep containers closed.		
	Heavy Metal(s)				
	Base pigments		TiO2 complies with FDA and ECC specifications.		
027H	Arsenic (as As), ppm		0	1	FDA method
029D	Lead, ppm		0	10	FDA Method
031F	Mercury, ppm		0	1	FDA method
032B	Antimony (as Sb), HCl-soluble, ppm		0	2	FDA method

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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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