

PRODUCT SPECIFICATIONS

Product: TiO2 CR-50-ASGP3

INCI Name: Titanium Dioxide (And) Alumina (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, %		0.00	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
033A	Hydrophobicity			Place 1g On 45g water. Shake 10 times. 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
	* Notes on Storage			Store under dry conditions and keep containers closed.	
	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.

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