

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, 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			lace 1g On 45g water. Shake 10 times. 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