

PRODUCT SPECIFICATIONS

Product: ZnO-C-ASG3J

INCI Name: Zinc Oxide (And) Stearoyl Glutamic 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	Visual
002A	Odor			Characteristic, TMS	Organoleptic
003K	Color			To match standard	Compare pressed pigment
008H	Zinc Oxide, %	95		99	Ion Chromatography (USP)
010A	Loss on Drying, %	---			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 0.5g on 50 ml of water for more than 1 hour.	Float powder on water at room temperature
038A	Apparent Density, gm/cbi	---			CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage			Store under dry conditions and keep containers closed.	
<i>ZnO meets USP specifications prior to surface treatment</i>					
027S	Arsenic ppm	0		2	ICP-AES
029E	Lead, ppm	0		10	ICP-AES