

PRODUCT SPECIFICATIONS

Product: ZNO-750-ASG5

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			Practically none	Organoleptic
003I	Color			To match standard	Compare drawdown against standard
008H	Zinc Oxide, %	93.0		99.0	Ion Chromatography (USP)
010B	Loss on Drying, %	0.0		1.5	Moisture Balance: 15 min @ 80° 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			Float 0.5g on 50 ml of water for more than 1 hour.	Float powder on water at room temperature
038A	Apparent Density, gm/cbi	3.0		5.0	CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage			Store under dry conditions and keep containers closed.	
				<i>ZnO meets USP specification prior to surface treatment</i>	
027C	Arsenic, ppm			Passes test	USP Method
029I	Lead, ppm			Passes test	USP Method