

## PRODUCT SPECIFICATIONS

Product: ZNO-660-ASGP7

INCI Name: Zinc Oxide (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	Visual
002A	Odor			Slight characteristic odor; TMS	Organoleptic
003I	Color			To match standard	Compare drawdown against standard
008H	Zinc Oxide, %	91.0		95.0	Ion Chromatography (USP)
010A	Loss on Drying, %	0.0		1.5	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
033A	Hydrophobicity			Place 0.5g on 45g water. Shake 10 times. Water remains clear.	Shake powder with water in a jar
038A	Apparent Density, gm/cbi			----	CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage			Store under dry conditions and keep containers closed.	
997	* Note				
				<b><i>ZnO meets USP specification prior to surface treatment</i></b>	
027C	Arsenic, ppm			Passes test	USP Method
029I	Lead, ppm			Passes test	USP Method