

PRODUCT SPECIFICATIONS

Product: ZNO XZ-11S3L

INCI Name: Zinc Oxide (And) Triethoxycaprylylsilane

<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 to off white powder			Visual
002A	Odor	Practically none			Organoleptic
008A	Zinc Oxide, %	96		100	USP 40 Method
010A	Loss on Drying, %	0		1.5	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 1g on 45 g of water. Shake 10 times. Water remains clear.			Shake powder with water in a jar
	Heavy Metal(s)				
027G	Arsenic, ppm	0		1	CTFA Method F 1-1, Silver Diethyldithiocarbamate
029B	Lead, (as Pb), ppm	0		10	Weak Acid Extraction AA Method
998A	* Note	ZnO prior to surface treatment meets USP specifications.			