

## PRODUCT SPECIFICATIONS

Product: ZNO XZ-11S3L

INCI Name: Zinc Oxide (And) Triethoxycaprylylsilane

Test ID	Test Name	Specification			Test Method
		Min	Max	Text	
	Base pigments	Store under dry conditions and keep containers closed.			
001A	Appearance	Fine white to off white powder			Visual
002A	Odor	Practically none			Organoleptic
008A	Zinc Oxide, %	96.00	100.00		Titration Method
010A	Loss on Drying, %	0.00	1.50		1 gram sample, 2 hr @ 105°C
012B	Microbiology	Total bacterial count < 100cfu/g (ml); Yeast and mold < 100cfu/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
	* Note 2	---			
	<b>Heavy Metal(s)</b>				
027M	Arsenic (As), ppm	0	1		ICP-MS Method
029P	Lead (Pb), ppm	0	2		ICP-MS Method
	* Note	ZnO prior to surface treatment meets USP specifications.			

If you have any questions about the information contained within this document, please contact Stephanie Fiallos, tel +1 (908) 941-9108.

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