

PRODUCT SPECIFICATIONS

ZNO XZ-11S3

INCI Name: Zinc Oxide (And) Triethoxycaprylylsilane

Test ID	Test Name	Specification	Test Methods
001A	Appearance	Fine White To Off White Powder	Visual
002A	Odor	Characteristic	Organoleptic
010A	Loss on Drying, %	Min : 0.00 - Max : 1.50	2hrs. @ 105°C
012B	Microbiology	<100 cfu/g; No Pathogens	Current USP Microbial Limit Test
027G	Arsenic, ppm	Min : 0 - Max : 1	CTFA Method F 1-1, Silver Diethyldithiocarbamate
029B	Lead, (as Pb), ppm	Min : 0 - Max : 10	Weak Acid Extraction AA Method
033A	Hydrophobicity	Place 5g On 45g water. Shake 10 times. Water remains clear.	Shake powder with water in a jar
037A	Oil Absorption, g. / 100g.	Min : 32 - Max : 50	ASTM Method D281-84
038A	Apparent Density, gm/cbi		CTFA Method C8-2, Scott Volumeter
998A	* Note	ZnO prior to surface treatment meets USP specifications.	

*If you have any questions about the information contained within this document, please contact Kobo's QC department extension 7113 or 7106.
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