

## PRODUCT SPECIFICATION

Product: ZNO-C-11S2J

INCI Name: Zinc Oxide (And) Triethoxycaprylylsilane

Test ID	Test Name	Specification			Test Method
		Min	Max	Text	
	Base pigments	ZnO prior to surface treatment complies with USP specifications			
001A	Appearance	Fine white to off-white powder			Visual
002A	Odor	Characteristic			Organoleptic
008H	Zinc Oxide, %	95	102		Ion Chromatography (USP)
010A	Loss on Drying, %	0	1.5		1 gram sample, 2 hr @ 105°C
012B	Microbiology	<100 cfu/g Total Bacteria, Mold, and Yeast; the absence of Staphylococcus aureus, Enterobacteria, Enterococci, Pseudomonadaceae, Burkholderiaceae, St. maltophilia, Candida albicans, (sulfite-reducing Clostridia in powders)			Current USP Microbial Limit Test
027C	Arsenic, ppm	< 6, USP limit test			USP Method
029P	Lead (Pb), ppm	0	10		ICP-MS Method
033A	Hydrophobicity	Place 1g On 45g water. Shake 10 times. Water remains clear.			Shake powder with water in a jar
036A	Identification	To Match Standard			IR
080F	Cadmium, ppm	0	5		ICP-MS Method
	* Notes on Storage	Store under dry conditions and keep containers closed.			

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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