

PRODUCT SPECIFICATIONS

Product: ZNO-USP1-I2

INCI Name: Zinc Oxide (And) Isopropyl Titanium Triisostearate

<u>Test ID</u>	<u>Test Name</u>	<u>Specification</u>			<u>Test Method</u>
		<u>Min</u>	<u>/ Max</u>	<u>/ Text</u>	
001A	Appearance	Fine White To Off-White Powder			Visual
002A	Odor	Slightly waxy			Organoleptic
008H	Zinc Oxide, %	94	100		Ion Chromatography (USP)
010A	Loss on Drying, %	0	1		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
027C	Arsenic, ppm	0	6		USP Method
029E	Lead, ppm	0	10		ICP-AES
033B	Hydrophobicity	Float 0.5g on 50 ml of water for more than 1 hour.			Float powder on water at room temperature
037A	Oil Absorption, g. / 100g.	10	30		ASTM Method D281-84
038A	Apparent Density, gm/cbi	9.50	13.50		CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
997A	* Note 2				
998A	* Note	ZnO prior to surface treatment meets USP specifications.			

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