

PRODUCT SPECIFICATION

Product: ZNO-750-NJEP4

INCI Name: Zinc Oxide (And) Jojoba Esters (And) Polyhydroxystearic Acid

<u>Test ID</u>	<u>Test Name</u>	<u>Specification</u>			<u>Test Method</u>		
		<u>Min</u>	<u>/</u>	<u>Max</u>		<u>/</u>	<u>Text</u>
001A	Appearance				Fine white powder	Visual	
002A	Odor				Practically none	Organoleptic	
008H	Zinc Oxide, %			93		98	Ion Chromatography (USP)
010A	Loss on Drying, %			0		1.5	1 gram sample, 2 hr @ 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 1 g of powder on 50 mL of wter. Shake 10X, water remains clear.		Shake powder with water in a jar
036A	Identification				To match standard		IR
038A	Apparent Density, gm/cbi				---		CTFA Method C8-2, Scott Volumeter
	* Notes on Storage				Store under dry conditions and keep containers closed.		
	Heavy Metal(s)						
	Base pigments				ZnO meets USP specification prior to surface treatment		
027C	Arsenic, ppm				Passes test		USP Method
029I	Lead, ppm				Passes test		USP Method

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

Mar. 2024