

PRODUCT SPECIFICATION

Product: ZNO-C-NJEP3

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>Text</u>	
001A	Appearance			Fine white powder	Visual
002A	Odor			Characteristic, To Match Standard	Organoleptic
008H	Zinc Oxide, %	94		98	Ion Chromatography (USP)
010A	Loss on Drying, %	0		1	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			Shake powder in water in a jar. Water remains clear.	Shake powder with water in a jar
036A	Identification			TO match standard	IR
038A	Apparent Density, gm/cbi	4		8	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 specifications prior to surface treatment	
027S	Arsenic ppm	0		2	ICP-AES
029E	Lead, ppm	0		10	ICP-OES

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

Mar. 2024