

PRODUCT SPECIFICATIONS

Product: ZnO-PCC-NJE3

INCI Name: Zinc Oxide (And) Jojoba Esters

Test ID	Test Name	Specification			Test Method
		Min	Max	Text	
	Base pigments	ZnO meets 21CFR specifications.			
001A	Appearance	Fine white powder			Visual
002A	Odor	Characteristic, To Match Standard			Organoleptic
003K	Color	To Match Standard			Compare pressed pigment
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	Place 1g On 45g water. Shake 10 times. Water remains clear.			Shake powder with water in a jar
038A	Apparent Density, gm/cbi	7.5	11		CTFA Method C8-2, Scott Volumeter
	* Notes on Storage	Store under dry conditions and keep containers closed.			
	Heavy Metal(s)				
027S3	Arsenic, ppm	0	3		ICP-OES
029E	Lead, ppm	0	10		ICP-OES
031J	Mercury, ppm	0	1		ICP-OES
080J	Cadmium, ppm	0	15		ICP-OES

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

Feb. 2023