

PRODUCT SPECIFICATION

Product: ZNO-GP-DS5

INCI Name: Zinc Oxide (And) Dimethicone

<u>Test ID</u>	<u>Test Name</u>	<u>Specification</u>			<u>Test Method</u>
		<u>Min</u>	<u>Max</u>	<u>Text</u>	
	Base pigments	ZnO prior to surface treatment meets USP specifications.			
001A	Appearance	Fine White To Off White Powder			Visual
002A	Odor	Characteristic			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 < 100cfu/g (ml); Yeast and mold < 100cfu/g (ml); No gram negative or positive			Current USP Microbial Limit Test
033A	Hydrophobicity	Place 5g On 45g water. Shake 10 times. Water remains clear.			Shake powder with water in a jar
038Q	Bulk Density (g/cbi)	---			CTFA Method C8-2, Scott Volumeter
	* Notes on Storage	Store under dry conditions and keep containers closed.			
	Heavy Metal(s)				
027C	Arsenic, ppm	0	1		USP Method
029E	Lead, ppm	0	4		ICP-OES

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

Jun. 2024