

PRODUCT SPECIFICATIONS

Product: MICA S-I2

INCI Name: Mica (And) Isopropyl Titanium Triisostearate

<u>Test ID</u>	<u>Test Name</u>	<u>Specification</u>			<u>Test Method</u>
		<u>Min</u>	<u>/</u>	<u>Max / Text</u>	
001A	Appearance			Fine White Powder	Visual
002A	Odor			Waxy	Organoleptic
010A	Loss on Drying, %		0.00	1.50	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
027M	Arsenic (As), ppm		0	3	ICP-MS Method
029H	Lead, ppm		0	10	AAS
031C	Mercury, ppm		0	1	AAS
033B	Hydrophobicity			0.5g float on 50 ml of water for about 1 hour with no disturbance.	Float powder on water at room temperature
037A	Oil Absorption, g. / 100g.		45	75	ASTM Method D281-84
038A	Apparent Density, gm/cbi		2.20	4.20	CTFA Method C8-2, Scott Volumeter
	* Notes on Storage			Store under dry conditions and keep containers closed.	
	* Note			---	

Patent # 4,877,604

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

Feb. 2023