

PRODUCT SPECIFICATIONS

Product: MICA S-ASGP3

INCI Name: Mica (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid

<u>Test ID</u>	<u>Test Name</u>	<u>Specification</u>			<u>Test Method</u>
		<u>Min</u>	<u>Max</u>	<u>Text</u>	
001A	Appearance	Off white to satin powder			Visual
002A	Odor	Characteristic			Organoleptic
010B	Loss on Drying, %	0	2		Moisture Balance: 15 min @ 80° 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
017B	Loss on Ignition, %	---			3hrs. @ 500°C
033B	Hydrophobicity	0.5g float on 50 ml of water for about 1 hour with no disturbance.			Float powder on water at room temperature
036A	Identification	To match standard			IR
038A	Apparent Density, gm/cbi	---			CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
	Heavy Metal(s)				
027G	Arsenic, ppm	0	3		CTFA Method F 1-1, Silver Diethyldithiocarbamate
029B	Lead, (as Pb), ppm	0	10		Weak Acid Extraction AA Method
031D	Mercury, ppm	0	1		Weak Acid Extraction AA Method