

PRODUCT SPECIFICATIONS

Product: MSS-500/3

INCI Name: Silica

<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	Spherical Shaped White Powder			Visual
002A	Odor	Odorless			Organoleptic
010E	Loss on Drying, %	0		7	1hrs. @ 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
017B	Loss on Ignition, %	0		18	3hrs. @ 500°C
024C	Average Particle Size, µm	2.00		4.00	Coulter Counter
027G	Arsenic, ppm	0		3	CTFA Method F 1-1, Silver Diethyldithiocarbamate
029B	Lead, (as Pb), ppm	0		10	Weak Acid Extraction AA Method
036A	Identification	To match the standard.			IR
037A	Oil Absorption, g. / 100g.	120		150	ASTM Method D281-84
039A	SiO ₂ , %	98		100	JSCI Method
049A	Specific Surface Area, m ² /g	700		900	BET
054A	Pore Volume, mL/g	0.10		1.30	Mercury Intrusion Porosimetry
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
998A	* Note				