

PRODUCT SPECIFICATIONS

Product: MSS-500/H

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 shape white powder	Visual
002A	Odor			None	Organoleptic
010E	Loss on Drying, %	0		9	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		16	3hrs. @ 500°C
024C	Average Particle Size, µm	10.50		13.50	Coulter Counter
024J	Particle Size Range, µm	2		20	Light Scattering Sizer
027G	Arsenic, ppm	0		3	CTFA Method F 1-1, Silver Diethyldithiocarbamate
029B	Lead, (as Pb), ppm	0		10	Weak Acid Extraction AA Method
037A	Oil Absorption, g. / 100g.	250		350	ASTM Method D281-84
039A	SiO ₂ , %	98			JSCI Method
049A	Specific Surface Area, m ² /g	600		800	BET
054A	Pore Volume, mL/g	1.60		2.00	Mercury Intrusion Porosimetry
996A	* Notes on Storage			Store under dry conditions and keep containers closed.	
997A	* Note 2				
998A	* Note			All the ingredients in this product meet the requirement for that ingredient as specified in 21 CFR.	