

PRODUCT SPECIFICATIONS

Product: MSS-500/5H

INCI Name: Silica

<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	Spherical Shaped White Powder			Visual
002A	Odor	None			Organoleptic
010A	Loss on Drying, %	0	9		2hrs. @ 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
017L	Loss on Ignition, %	0	16		1 gram sample, 850C, 30minutes
024C	Average Particle Size, µm	4	6		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
037A	Oil Absorption, g. / 100g.	230	325		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	1.40	1.80		Mercury Intrusion Porosimetry
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			