

## PRODUCT SPECIFICATIONS

Product: MSS-500/3H

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	None			Organoleptic
010A	Loss on Drying, %	0		9	1 gram sample, 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		18	1 gram sample, 850° C, 30 minutes
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
037A	Oil Absorption, g. / 100g.	270		330	ASTM Method D281-84
039A	SiO <sub>2</sub> , %	98		100	JSCI Method
049A	Specific Surface Area, m <sup>2</sup> /g	600		800	BET
054A	Pore Volume, mL/g	1.50		2.50	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.			

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

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