

## PRODUCT SPECIFICATIONS

Product: MSS-500

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
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	10		14	Coulter Counter
027A	Arsenic, ppm	0		2	JSCI Method
029F	Lead, ppm	0		10	JSCI Method
037F	Oil Absorption, ml/100g	125		140	
039A	SiO <sub>2</sub> , %	98		100	JSCI Method
049A	Specific Surface Area, m <sup>2</sup> /g	728		928	BET
24Z1	Particle Size Range, um	2		20	Coulter Counter
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
998A	* Note	All the ingredients in this product meet the requirement for that ingredient as specified in 21 CFR.			