

PRODUCT SPECIFICATIONS

Product: MSS-500W

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	Fine White Powder			Visual
002A	Odor	None			Organoleptic
010A	Loss on Drying, %	0.00		7.00	1 gram sample, 2 hr @ 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	10		14	Coulter Counter
027M	Arsenic (As), ppm	0		2	ICP-MS Method
029P	Lead (Pb), ppm	0		5	ICP-MS Method
037A	Oil Absorption, g. / 100g.	100		200	ASTM Method D281-84
039A	SiO ₂ , %	98		100	JSCI Method
049A	Specific Surface Area, m ² /g	700		900	BET
24Z1	Particle Size Range, um	2		20	Coulter Counter
	* Notes on Storage	Store under dry conditions and keep containers closed.			
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If you have any questions about the information contained within this document, please contact Stephanie Fiallos, tel +1 (908) 941-9108.

Nov. 2023