

PRODUCT SPECIFICATIONS

Product: MSS-500/20N

INCI Name: Silica

Test ID	Test Name	Specification			Test Method
		Min	Max	Text	
001A	Appearance	Spherical Shaped White Powder			Visual
002A	Odor	Odorless			Organoleptic
010E	Loss on Drying, %	0.00	1.00		1 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
017B	Loss on Ignition, %	0	2		3 hr @ 500°C
024C	Average Particle Size, µm	18	22		Coulter Counter
027M	Arsenic (As), ppm	0	3		ICP-MS Method
029P	Lead (Pb), ppm	0	10		ICP-MS Method
037A	Oil Absorption, g. / 100g.	25	55		ASTM Method D281-84
039A	SiO ₂ , %	98			JSCI Method
049A	Specific Surface Area, m ² /g	50	150		BET

* Notes on Storage

Store under dry conditions and keep containers closed.

* Note