

## PRODUCT SPECIFICATIONS

### MSS-500/3H4

INCI Name: Silica

Test ID	Test Name	Specification	Test Methods
001A	Appearance	Spherical Shaped White Powder	Visual
002A	Odor	Odorless	Organoleptic
010E	Loss on Drying, %	Min : 0 - Max : 9	1hrs. @ 105°C
012B	Microbiology	<100 cfu/g; No Pathogens	Current USP Microbial Limit Test
017B	Loss on Ignition, %	Min : 0 - Max : 18	3hrs. @ 500°C
024C	Average Particle Size, µm	Min : 2 - Max : 3	Coulter Counter
027F	Arsenic, ppm	Min : 0 - Max : 3	AAS
029B	Lead, (as Pb), ppm	Min : 0 - Max : 10	Weak Acid Extraction AA Method
031B	Mercury, ppm	Min : 0 - Max : 1	ICP/AES
037A	Oil Absorption, g. / 100g.		ASTM Method D281-84
039A	SiO <sub>2</sub> , %	Min : 98 - Max : 100	JSCI Method
049A	Specific Surface Area, m <sup>2</sup> /g	Min : 600 - Max : 800	BET
054A	Pore Volume, mL/g		Mercury Intrusion Porosimetry

*If you have any questions about the information contained within this document, please contact Kobo's QC department extension 7113 or 7106.*

Aug. 2010