

PRODUCT SPECIFICATIONS

MSS-500/H

INCI Name: Silica

Test ID	Test Name	Specification	Test Methods
001A	Appearance	Spherical shape white powder	Visual
002A	Odor	None	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 : 16	3hrs. @ 500°C
024C	Average Particle Size, µm	Min : 10.50 - Max : 13.50	Coulter Counter
024J	Particle Size Range, µm	Min : 2 - Max : 20	Light Scattering Sizer
027G	Arsenic, ppm	Min : 0 - Max : 3	CTFA Method F 1-1, Silver Diethyldithiocarbamate
029B	Lead, (as Pb), ppm	Min : 0 - Max : 10	Weak Acid Extraction AA Method
037A	Oil Absorption, g. / 100g.	Min : 250 - Max : 350	ASTM Method D281-84
039A	SiO ₂ , %	Min : 98	JSCI Method
049A	Specific Surface Area, m ² /g	Min : 600 - Max : 800	BET
054A	Pore Volume, mL/g	Min : 1.60 - Max : 2.00	Mercury Intrusion Porosimetry
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 Kobo's QC department extension 7113 or 7106.

Aug. 2010