

PRODUCT SPECIFICATIONS

MSS-500

INCI Name: Silica

Test ID	Test Name	Specification	Test Methods
001A	Appearance	Spherical Shaped White Powder	Visual
002A	Odor	None	Organoleptic
010E	Loss on Drying, %	Min : 0 - Max : 7	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 : 10 - Max : 14	Coulter Counter
027G	Arsenic, ppm	Min : 0 - Max : 2	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 : 125 - Max : 140	ASTM Method D281-84
039A	SiO ₂ , %	Min : 98 - Max : 100	JSCI Method
049A	Specific Surface Area, m ² /g	Min : 728 - Max : 928	BET
24Z1	Particle Size Range, um	Min : 2 - Max : 20	Coulter Counter
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