

PRODUCT SPECIFICATIONS

MSS-500/3

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 : 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 : 2 - Max : 4	Coulter Counter
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 : 120 - Max : 150	ASTM Method D281-84
039A	SiO ₂ , %	Min : 98 - Max : 100	JSCI Method
049A	Specific Surface Area, m ² /g	Min : 700 - Max : 900	BET
054A	Pore Volume, mL/g	Min : 0.10 - Max : 1.30	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.

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