

Certificate of Analysis (Representative Sample)

Product Name **SILK MICA**

Batch

	Spec. Values		Batch Values		Method
Assay (Mica)	98.0 - 100.0	%	99.0	%	Inhouse
pH (10% aqueous suspension)	5.0 - 9.0		7.7		ISO 787-9
Particle Size Distribution	80% below 50.0		Conforms		Laser Diffraction
	μm				
Particle size (d50)	17.0 - 26.0	μm	21.4	μm	Laser Diffraction
Loss on Drying (105 °C)	<= 0.5	%	<= 0.5	%	ISO 787-2
Loss on Ignition	<= 2.0	%	0.9	%	Inhouse
Visual and Colorimetric Evaluation	Conforms		Conforms		Inhouse
Heavy metals (As)	<= 0.0002	%	<= 0.0002	%	mod.PCPC/int.method
Heavy metals (Ba)	<= 0.0050	%	<= 0.0050	%	mod.PCPC/int.method
Heavy metals (Cd)	<= 0.0003	%	<= 0.0003	%	mod.PCPC/int.method
Heavy metals (Cr)	<= 0.0100	%	<= 0.0100	%	mod.PCPC/int.method
Heavy metals (Cu)	<= 0.0050	%	<= 0.0050	%	mod.PCPC/int.method
Heavy metals (Hg)	<= 0.0001	%	<= 0.0001	%	mod.PCPC/int.method
Heavy metals (Ni)	<= 0.0010	%	<= 0.0010	%	mod.PCPC/int.method
Heavy metals (Pb)	<= 0.0010	%	<= 0.0010	%	mod.PCPC/int.method
Heavy metals (Sb)	<= 0.0001	%	<= 0.0001	%	mod.PCPC/int.method
Heavy metals (Zn)	<= 0.0050	%	<= 0.0050	%	mod.PCPC/int.method
Microbial Purity (Total Viable Aerobic Count)	<= 100 CFU/g		<= 100 CFU/g		USP,Ph.Eur.,JP
Gram negative bacteria	absent in 1 g		passes test		USP,Ph.Eur.,JP
E.coli	absent in 1 g		passes test		USP,Ph.Eur.,JP
Pseudomonas aeruginosa	absent in 1 g		passes test		USP,Ph.Eur.,JP

Colour-Index (Mica): C.I.No. 77019

This article meets the purity requirements in USA, Japan and the European Union for cosmetic ingredients.

Date of Release (MM DD YYYY)

Minimum Shelf Life (MM DD YYYY)

Responsible laboratory manager quality control

This document has been produced electronically and is valid without a signature.

Certificate of Analysis

Product Name SILK MICA

Batch

	Spec. Values	Batch Values	Method
Staphylococcus aureus	absent in 1 g	passes test	USP,Ph.Eur.,JP
Salmonella species	absent in 10 g	passes test	USP,Ph.Eur.,JP
Candida albicans	absent in 1 g	passes test	USP,Ph.Eur.,JP

Colour-Index (Mica): C.I.No. 77019

This article meets the purity requirements in USA, Japan and the European Union for cosmetic ingredients.

Date of Release (MM DD YYYY)

Minimum shelf Life (MM DD YYYY)

This document has been produced electronically and is valid without a signature.