

Certificate of Analysis
(Representative Sample Certificate)

Product Name: Mica Spheres
INCI Name: Mica, silica
CAS Number: 7631-86-9, 12001-26-2
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 60 months from production date

Characteristic	Specifications		Result
	Min.	Max.	
Color and Appearance (EMD)			Confirms
Content of Mica	97.0	99.0	98.0%
Content of SiO ₂	1.0	3.0	2.0%
Particle Size (Malvern) (Laserbeam Diffraction) (80%) of Particles <15			Confirms
Median Particle Size (D50)(Malvern)	3.0	10.0	5.5
PH (10% aqueous suspension) (ISO-787-9)	7.0	10.0	8.0
Loss on Drying (2hrs, 105 degrees C) (Merck KGaA)		</=0.5	</=0.5%
Microbial Purity			<100CFU/g

Heavy Metals:

Arsenic <2ppm, Chromium <100ppm, Nickel <10ppm, Zinc <50ppm, Barium <50ppm, Copper <50ppm, Lead <10ppm, Cadmium <3ppm, Mercury <1ppm, Antimony <1ppm

The above data were obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed.

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