

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Mica Pearl White
2. INCI Name	Mica (CI 77019), titanium dioxide (CI 77891)
3. CAS Number	12001-26-2, 13463-67-7
4. Batch No & Mfg. Date	As mentioned on Label
5. Date Of Exp	3 Years From MFG Date
6. Date of Analysis	Feb-2024

Analytical Tests	Specifications
Appearance and Color	Heavy Metals: Arsenic <2ppm, Chromium <100ppm, Nickel <10ppm, Zinc <50ppm, Barium <50ppm, Copper <50ppm, Lead <10ppm, Cadmium <3ppm, Mercury <1ppm, Antimony <1ppm Conforms
Mica Content	>71.00%
TiO2 Content	22.80%
pH (10% suspension)	3.8
Particle Size (laser diffraction) 80% if particles between 5-100 um	Conforms
Median particle size (D50)	30.4
Loss on Drying (2hrs @105°C)	0.20%
Plate Count: bacteria, molds and yeasts	<100 CFU/g
Pathogens(Salmonella species, E. coli, Staph. Aureus, Pseud. aeruginosa, GramNegative Bacteria)	Absent in 0.5g

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