

Certificate of Analysis

Product Code: MMI-Mica Pigment - Bronze Glitter 20G

Trade Name: Bronze Glitter 20G

Supplier: Mineral Makeup Ingredients

Batch No.: #180503

| Assay(INCI) | Cas No. | Spec.Values | Batch Values | Method |
|---|------------|-----------------|--------------|-------------------|
| Fluorphlogopite | 12003-38-2 | 84-91% | 87.30% | Manufacturer |
| Iron oxide | 1309-37-1 | 9-16% | 12.70% | Manufacturer |
| Particle size(80% within the range 60-300µm) | | confirms | confirms | laser diffraction |
| Particle size(d50) | | 184-205µm | 195µm | laser diffraction |
| pH-value(4% H2O) Loss on drying(105°C) Heavy metals | | 6-9 | 7.2 | ISO787-9 |
| | | ≤0.5% | ≤0.5% | ISO787-9 |
| As | | ≤2 ppm | ≤2 ppm | Manufacturer |
| Ba | | ≤50 ppm | ≤50 ppm | Manufacturer |
| Cd | | ≤3 ppm | ≤3 ppm | Manufacturer |
| Cr | | ≤100 ppm | ≤100 ppm | Manufacturer |
| Cu | | ≤50 ppm | ≤50 ppm | Manufacturer |
| Hg | | ≤1 ppm | ≤1 ppm | Manufacturer |
| Ni | | ≤10 ppm | ≤10 ppm | Manufacturer |
| Pb | | ≤10 ppm | ≤10 ppm | Manufacturer |
| Sb | | ≤1 ppm | ≤1 ppm | Manufacturer |
| Zn | | ≤50 ppm | ≤50 ppm | Manufacturer |
| Visual and colorimetric evaluation | | confirms | confirms | Manufacturer |
| Microbiological purity | | | | Manufacturer |
| Microorganisms | | <100CFU/g | <100CFU/g | |
| Ph.Eur.USP XXII | | No Pathogens | No Pathogens | Manufacturer |

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