

Certificate of Analysis

Product Code: MMI-Mica Pigment - Shimmer Gold 90E
 Trade Name: Shimmer Gold 90E
 Supplier: Mineral Makeup Ingredients
 Batch Code: 150712

| Assay(INCI) | Cas. No. | Spec. Values | Batch Values | Method |
|--|------------|--------------|--------------|--------------|
| Mica | 12001-26-2 | 80-88% | 83.20% | Manufacturer |
| Titanium Dioxide | 13463-67-7 | 10-14% | 12.30% | Manufacturer |
| Tin Dioxide | 18282-10-5 | 0-1% | 0.70% | Manufacturer |
| Iron Oxide | 1309-37-1 | 2-6% | 3.70% | Manufacturer |
| Parcle size (80% within the range 20-200µm) confirms laser diffraccon Parcle size (d50) 56-78µm 67µm laser diffraccon pH-value (4% H2O) 6-9 7.2 ISO787-9 | | | | |
| Loss on drying (105°C) | | ≤0.5% | ≤0.5% | ISO787-9 |
| Heavy metals | | | | |
| As | | ≤2 ppm | ≤2 ppm | Manufacturer |
| Ba | | ≤50 ppm | ≤50 ppm | Manufacturer |
| Cd | | ≤3 ppm | ≤3 ppm | Manufacturer |
| Cr | | ≤20 ppm | ≤20 ppm | Manufacturer |
| Cu | | ≤50 ppm | ≤50 ppm | Manufacturer |
| Hg | | ≤1 ppm | ≤1 ppm | Manufacturer |
| Ni | | ≤10 ppm | ≤10 ppm | Manufacturer |
| Pb | | ≤5 ppm | ≤5 ppm | Manufacturer |
| Sb | | ≤1 ppm | ≤1 ppm | Manufacturer |
| Zn | | ≤50 ppm | ≤50 ppm | Manufacturer |
| Visual and colorimetric evaluaon | | confirms | confirms | Manufacturer |
| Microbiological purity | | | | |
| Microorganisms | | 100CFU/g | 100CFU/g | Manufacturer |
| Ph.Eur.USP XXII) | | No Pathogens | No Pathogens | Manufacturer |

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