



Kolortek Co., Ltd

No. 9 Haikou Road

Huaian, Jiangsu, China

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Certificate of Analysis

Product Code: KT-660101

Trade Name: Lemon Yellow

Manufacturer: Kolortek Co., Ltd.

Batch No.: #221204

| Assay(INCI) | Cas No. | Spec.Values | Batch Values | Method |
|--|------------|--------------|--------------|-------------------|
| Mica | 12001-26-2 | 55-59% | 56.40% | Kolortek |
| Titanium dioxide | 13463-67-7 | 40-44% | 41.90% | Kolortek |
| Tin Dioxide | 18282-10-5 | 0-1% | 0.50% | Kolortek |
| Pig. Yellow 12 | 6358-85-6 | 1-2% | 1.20% | Kolortek |
| Particle size(80% within the range 10-60µm) | | confirms | confirms | laser diffraction |
| Particle size(d50) | | 21-26µm | 23µm | laser diffraction |
| pH-value(10 % aqueous slurry) | | 5-9 | 7.1 | ISO787-9 |
| Loss on drying(105°C) | | ≤0.5% | ≤0.5% | ISO787-2 |
| Heavy metals | | | | |
| As | | ≤2 ppm | ≤2 ppm | Kolortek |
| Ba | | ≤50 ppm | ≤50 ppm | Kolortek |
| Cd | | ≤3 ppm | ≤3 ppm | Kolortek |
| Cr | | ≤100 ppm | ≤100 ppm | Kolortek |
| Cu | | ≤50 ppm | ≤50 ppm | Kolortek |
| Hg | | ≤1 ppm | ≤1 ppm | Kolortek |
| Ni | | ≤10 ppm | ≤10 ppm | Kolortek |
| Pb | | ≤10 ppm | ≤10 ppm | Kolortek |
| Sb | | ≤1 ppm | ≤1 ppm | Kolortek |
| Zn | | ≤50 ppm | ≤50 ppm | Kolortek |
| Visual and colorimetric evaluation | | confirms | confirms | Kolortek |
| Microbiological purity | | | | |
| Microorganisms | | <100CFU/g | <100CFU/g | Kolortek |
| Ph.Eur.USP XXII | | No Pathogens | No Pathogens | Kolortek |

It is hereby confirmed that the delivered goods have been examined and they are in accordance with our confirmation of order

Engineer: Xu Zhang

Analytical Lab.

Date: 5th Dec. 2022