



Specification

GR9125 Magic Gold/Green

Edition: YZ201901TDS

| Assays | | Values | | | Method |
|--------------------------------|---------------------------------|-------------------------|--------------------|--------|-------------------|
| Content | CAS-NO. | INCI Name | | | |
| Synthetic Mica | 12003-38-2 | Fluorphlogopite | 52 ~ 56 | wt% | YUNZHU |
| TiO ₂ | 13463-67-7 | 77891/ Titanium dioxide | 3 ~ 7 | wt% | YUNZHU |
| SnO ₂ | 18282-10-5 | 77861/ Tin dioxide | ≤1 | wt% | YUNZHU |
| SiO ₂ | 7631-86-9 | Silica | 32 ~ 36 | wt% | YUNZHU |
| Fe ₂ O ₃ | 1309-37-1 | 77491/ Diiron Trioxide | 4 ~ 8 | wt% | YUNZHU |
| Visual evaluation | | | | | |
| Color | | pass | | | YUNZHU |
| Luster | | pass | | | YUNZHU |
| Density | | 2.2~2.7 | g /cm ³ | | ISO 787-10 |
| Bulk density | | 40 ~ 65 | g /100ml | | DIN 53466 |
| Particle size | 80 % within the range 30-120 μm | | pass | | Laser diffraction |
| PH – value | 10 % aqueous slurry | | 5~11 | | ISO 787-9 |
| Loss on drying | 105 °C | < 0.5 | | wt % | ISO 787-2 |
| Oil absorption | 50 ~ 90 g oil/100g powder | | | | ISO 787-5 |
| Heavy metals | | | | | |
| | | Pb | ≤ 10 | ppm | YUNZHU |
| | | As | ≤ 2 | ppm | YUNZHU |
| | | Hg | ≤ 1 | ppm | YUNZHU |
| | | Cd | ≤ 1 | ppm | YUNZHU |
| | | Sb | ≤ 2 | ppm | YUNZHU |
| | | Cr | ≤ 100 | ppm | YUNZHU |
| | | Cu | ≤ 50 | ppm | YUNZHU |
| | | Ni | ≤ 10 | ppm | YUNZHU |
| Microorganisms | | | | | |
| | Aerobic bacteria | | ≤ 100 | CFU /g | YUNZHU |
| | Yeasts and moulds | | ≤ 100 | CFU /g | YUNZHU |
| | Gram negative bacteria | | absent in 1 g | | YUNZHU |
| | Staphylococcus aureus | | absent in 1 g | | YUNZHU |

Note: This colorant conforms to the regulations 1223/2009, EU231/2012 and FDA 21 CFR 73.

Shanghai Yunzhu Pigment Technology Co.,Ltd.

No.27 Lane 111, Shunda Road, Nanxiang Town, Jiading Area, Shanghai, China.

Tel: 0086-21-56377935 / 56373532

Fax: 0086-21-66102842

Home Page: www.chinayunzhu.com

E-mail: shyz@chinayunzhu.com