

## Gold Karat Sparkle Mica Powder

INCI: Mica, Titanium Dioxide and Iron Oxide

Product ID: MICAGOLDKARATUS567

### Specifications

#### Analytical Details

	<b>Methods</b>	<b>Specifications</b>
<b>Appearance:</b>	Visual	Powder
<b>Assay (Mica):</b>	In-house	74.0 - 85.0%
<b>Assay (TiO<sub>2</sub>):</b>	In-house	10.0 - 16.0%
<b>Assay (Fe<sub>2</sub>O<sub>3</sub>):</b>	In-house	5.0 - 10.0%
<b>Particle Size Distribution:</b>	Laser Diffraction	80% Within 10.0 - 150.0 $\mu\text{m}$
<b>Particle Size (d<sub>50</sub>):</b>	Laser Diffraction	65.0 - 82.0 $\mu\text{m}$
<b>Screening Test:</b>	In-house	< 0.150 mm
<b>pH (10% Aqueous Suspension):</b>	ISO 787-9	7.0 - 10.0
<b>Loss on Drying (105 °C):</b>	ISO 787-2	$\leq 0.5\%$
<b>Visual &amp; Colorimetric Evaluation:</b>	In-house	Conforms

#### Heavy Metals

<b>Antimony:</b>	Mod. PCPC / Internal Methods	$\leq 1 \text{ ppm}$
<b>Arsenic:</b>	Mod. PCPC / Internal Methods	$\leq 1 \text{ ppm}$
<b>Barium:</b>	Mod. PCPC / Internal Methods	$\leq 50 \text{ ppm}$
<b>Cadmium:</b>	Mod. PCPC / Internal Methods	$\leq 1 \text{ ppm}$
<b>Chromium:</b>	Mod. PCPC / Internal Methods	$\leq 50 \text{ ppm}$
<b>Copper:</b>	Mod. PCPC / Internal Methods	$\leq 5 \text{ ppm}$
<b>Lead:</b>	Mod. PCPC / Internal Methods	$\leq 10 \text{ ppm}$
<b>Mercury:</b>	Mod. PCPC / Internal Methods	$\leq 1 \text{ ppm}$
<b>Nickel:</b>	Mod. PCPC / Internal Methods	$\leq 10 \text{ ppm}$
<b>Zinc:</b>	Mod. PCPC / Internal Methods	$\leq 10 \text{ ppm}$

#### Microbiological

<b>Total Aerobic Bacteria:</b>	USP, Ph.Eur.	$\leq 100 \text{ cfu/g}$
<b>Gram Negative Bacteria:</b>	USP, Ph.Eur.	Absent / 1g
<b>E. Coli:</b>	USP, Ph.Eur.	Absent / 1g
<b>P. Aeruginosa:</b>	USP, Ph.Eur.	Absent / 1g
<b>S. Aureus</b>	USP, Ph.Eur.	Absent / 1g
<b>Salmonella Species:</b>	USP, Ph.Eur.	Absent / 10g
<b>C. Albicans:</b>	USP, Ph.Eur.	Absent / 1g

**Shelf Life:** 10 Years (Stable)

**Date:** 2/2/2026

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