Copper Glow Mica Powder  
INCI: Mica (and) Titanium Dioxide (and) Tin Oxide  
Product ID: MICACOPGLDE567

**Specifications**

<table>
<thead>
<tr>
<th><strong>Analytical Details</strong></th>
<th><strong>Methods</strong></th>
<th><strong>Specifications</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
<td>Visual</td>
<td></td>
</tr>
<tr>
<td>Assay (Mica):</td>
<td>In-house</td>
<td>48.0 - 57.0%</td>
</tr>
<tr>
<td>Assay (TiO₂):</td>
<td>In-house</td>
<td>43.0 - 51.0%</td>
</tr>
<tr>
<td>Assay (SnO₂):</td>
<td>In-house</td>
<td>≤ 1.0%</td>
</tr>
<tr>
<td>Particle Size Distribution:</td>
<td>Laser Diffraction</td>
<td>80% Within 10.0 - 60.0 μm</td>
</tr>
<tr>
<td>Particle Size (d50):</td>
<td>Laser Diffraction</td>
<td>18.0 - 25.0 μm</td>
</tr>
<tr>
<td>Screening Test:</td>
<td>In-house</td>
<td>&lt; 0.150 mm</td>
</tr>
<tr>
<td>pH (10% Aqueous Suspension):</td>
<td>ISO 787-9</td>
<td>8.0 - 11.0</td>
</tr>
<tr>
<td>Loss on Drying (105 °C):</td>
<td>ISO 787-2</td>
<td>≤ 0.5%</td>
</tr>
<tr>
<td>Visual &amp; Colorimetric Evaluation:</td>
<td>In-house</td>
<td>Conforms</td>
</tr>
</tbody>
</table>

**Heavy Metals**  
- Antimony: Mod. PCPC / Internal Methods ≤ 0.0001%
- Arsenic: Mod. PCPC / Internal Methods ≤ 0.0002%
- Barium: Mod. PCPC / Internal Methods ≤ 0.0050%
- Cadmium: Mod. PCPC / Internal Methods ≤ 0.0003%
- Chromium: Mod. PCPC / Internal Methods ≤ 0.0100%
- Copper: Mod. PCPC / Internal Methods ≤ 0.0050%
- Lead: Mod. PCPC / Internal Methods ≤ 0.0010%
- Mercury: Mod. PCPC / Internal Methods ≤ 0.0001%
- Nickel: Mod. PCPC / Internal Methods ≤ 0.0010%
- Zinc: Mod. PCPC / Internal Methods ≤ 0.0050%

**Microbiological**  
- Total Aerobic Bacteria: USP, Ph.Eur. ≤ 100 cfu/g
- Gram Negative Bacteria: USP, Ph.Eur. Absent / 1g
- E. Coli: USP, Ph.Eur. Absent / 1g
- P. Aeruginosa: USP, Ph.Eur. Absent / 1g
- S. Aureus: USP, Ph.Eur. Absent / 1g
- Salmonella Species: USP, Ph.Eur. Absent / 10g
- C. Albicans: USP, Ph.Eur. Absent / 1g

**Shelf Life:** Stable

**Notes:** Color-Index (Mica): C.I.No. 77019, Color-Index (TiO₂): C.I.No. 77891, Color-Index (SnO₂): C.I.No. 77861. This product meets the USA, Japan and European Union purity requirements for cosmetic ingredients.

**Date:** 06/11/2020

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**Natural Sourcing**  
Natural Sourcing, LLC • 341 Christian Street, Oxford, CT 06478  
Phone: (203) 702-2500 • Toll Free: (800) 340-0080 • Fax: (203) 702-2501 • info@naturalssourcing.com  
www.naturalsourcing.com