



TKB TRADING, LLC  
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## Certificate Of Analysis

**Product Name/Code: Princess Merida**

**Description: Copper Free-Flowing Powder**

**Lot #: n/a**

**Date of Manufacture: n/a**

**INCI Name: Synthetic Fluorphlogopite (and) Iron Oxides (and) Silica**

**Chemical Composition Analysis:**

	<b>Range</b>	<b>Result</b>
<b>Synthetic Fluorphlogopite</b>	<b>67 – 72%</b>	<b>69.5%</b>
<b>Iron Oxides (Fe<sub>2</sub>O<sub>3</sub>)</b>	<b>11 – 21 %</b>	<b>14.5%</b>
<b>Silica</b>	<b>12 – 17 %</b>	<b>16%</b>

**Lot Analysis:**

	<b>Range:</b>	<b>Result:</b>
<b>pH</b>	<b>6.0 – 11.0</b>	<b>8.45</b>
<b>Bulk Density</b>	<b>50 – 60 g/100 ml</b>	<b>Complies</b>
<b>Loss on Drying:</b>	<b>&lt; 1.00 %</b>	<b>Complies</b>
<b>Particle Size</b>	<b>50 – 200 µm</b>	<b>Complies</b>

**Trace Elements Analysis:**

<b>Lead (Pb)</b>	<b>&lt; 10 ppm</b>	<b>Complies</b>
<b>Arsenic (As)</b>	<b>&lt; 2 ppm</b>	<b>Complies</b>
<b>Antimony (Sb)</b>	<b>&lt; 2 ppm</b>	<b>Complies</b>
<b>Mercury (Hg)</b>	<b>&lt; 1 ppm</b>	<b>Complies</b>
<b>Microbiology</b>	<b>&lt; 100g cfu/g with no pathogens</b>	<b>PASSED</b>

The shelf life is 10 plus years from the date of manufacture when stored in unopened, factory-sealed, standard size packaging in dry, well-ventilated conditions.

(Note: Materials in this raw ingredient fully meet all applicable European (as specified in EU Annexes and Cosmetic Directives), US (as specified in 21CFR) and Japan (as specified by the Japanese Ministry of Health) Government Regulations and Standards for all intended Cosmetic uses.)  
The information included in this document is presented in good faith and is intended to be for guidance only. Your internal regulatory department is obligated to do research and testing to determine the fitness of a product for your particular purpose and market, prior to use.