



TKB TRADING, LLC  
1101 9th Avenue  
Oakland, CA 94606  
Tel: 510-922-9027  
www.tkbtrading.com

## **Certificate Of Analysis** **(Representative Sample)**

**Product Name/Code: SDFT RED**

**Description: Red Free-Flowing Powder**

**Lot #:**

**Date of Manufacture:**

**Supplier: TKB Trading LLC**

**INCI Name: Bismuth Oxychloride (and) Mica (and) Iron Oxides**

**Chemical Composition Analysis:**

	<b>Range</b>	<b>Result</b>
<b>Bismuth Oxychloride</b>	<b>25 – 35%</b>	<b>PASSED</b>
<b>Mica</b>	<b>45 – 55%</b>	<b>PASSED</b>
<b>Iron Oxides (Fe<sub>2</sub>O<sub>3</sub>)</b>	<b>15 – 25%</b>	<b>PASSED</b>

**Lot Analysis:**

	<b>Range:</b>	<b>Result:</b>
<b>pH</b>	<b>5.0 – 11.0</b>	<b>6.4 (4% aqueous suspension)</b>
<b>Specific Gravity</b>	<b>3.0 – 3.3</b>	<b>3.1</b>
<b>Bulk Density</b>	<b>20 – 40 g/100 ml</b>	<b>30 g/100 ml</b>
<b>Loss on Drying:</b>	<b>&lt; 2.0 %</b>	<b>0.49 % (Open cup @105 C for 1 hour)</b>
<b>Particle Size</b>	<b>2 –40 µm</b>	<b>PASSED (Laser Diffraction)</b>

**Trace Elements Analysis:**

<b>Lead (Pb)</b>	<b>&lt; 10 ppm</b>	<b>PASSED</b>
<b>Arsenic (As)</b>	<b>&lt; 2 ppm</b>	<b>PASSED</b>
<b>Antimony (Sb)</b>	<b>&lt; 2 ppm</b>	<b>PASSED</b>
<b>Mercury (Hg)</b>	<b>&lt; 1 ppm</b>	<b>PASSED</b>

The shelf life of TKB Trading, LLC products in powdered form 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.)