



TECHNICAL DATA SHEET

Rev Date: 10-Jun-22

FD&C RED 40 ALUM LAKE

Product Data

<i>Category / Description:</i>	FDA Certified Lake
<i>Appearance / Odor:</i>	RED POWDER / NO ODOR
<i>Hue:</i>	yellowish red
<i>Chemical Family:</i>	MONOAZO DYE IN ALUMINA
<i>CAS Number:</i>	68583-95-9
<i>EINECS Number:</i>	271-524-7
<i>Color Index Name:</i>	FOOD RED 017 LAKE
<i>Color Index Number:</i>	16035
<i>INCI Name:</i>	CI 16035 - Red 40 Lake

Properties /Specifications

<i>Particle Size:</i>	<7 Micron
<i>Pure Dye Content, (%):</i>	24-28%
<i>Antimony (Sb):</i>	<10 PPM
<i>Arsenic (As):</i>	<2 PPM
<i>Barium (Ba):</i>	<50 PPM
<i>Cadmium (Cd):</i>	<1 PPM
<i>Chromium (Cr):</i>	<20 PPM
<i>Cobalt (Co):</i>	<5 PPM
<i>Copper (Cu):</i>	<20 PPM
<i>Lead (Pb):</i>	<2 PPM
<i>Mercury (Hg):</i>	<1 PPM
<i>Nickel (Ni):</i>	<10 PPM
<i>Selenium (Se):</i>	<3 PPM
<i>Zinc (Zn):</i>	<100 PPM

Applications

Use Statement:

Foods, Drugs & Cosmetics - in amounts consistent with Good Manufacturing Practices. In Drugs & Cosmetics - including those intended for use in the area of the eye.

Microbiological Analysis: TOTAL VIABLE BACTERIAL COUNT: \leq 100cfu/g
TOTAL YEAST FUNGI (MOLD) COUNT: \leq 10cfu/g
STAPHYLOCOCCUS AUREUS: ABSENT IN 10g
E-COLI: ABSENT IN 10g
SALMONELLA: ABSENT IN 10g
PSEUDOMONAS: ABSENT IN 10g

Shelf Life

- 8 years (unopened container)

Storage Instructions

- Store the product in original packaging with the original seal intact, in a dry environment, protected from heat and light
- Store material sealed; recommended storage temperature between 60°F and 85°F (15°C and 30°C)
- Keep the original label intact and legible; keep container in good condition, protect from physical damage
- Keep all opened containers tightly sealed in an area that is secure and clean

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Regulatory

TSCA Status:..... IN COMPLIANCE

95/45/EC, 231/2012 & 2008/128/EC: E129

- * U.S. FDA CFR 21 part 73/74 & 82
- * EU Cosmetic Products Regulation (EC) No 1223/2009
- * ASEAN Cosmetic Directive, Annex IV, part 1 - allowed to use in Cosmetic as per field of Application 1.
- * China Technical Safety Standards for Cosmetics (TSSC 2015)

HS Code: 3205.00.0020

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