



# TECHNICAL DATA SHEET

Rev Date: 21-Feb-23

## D & C RED 7 Ca LAKE

### Product Data

Category / Description:	FDA Certified Lake
Appearance / Odor:	POWDER, NO ODOR
Hue:	Bluish Red
Chemical Family:	Calcium Salt of Pigment Red 57
CAS Number:	5281-04-9
EINECS Number:	226-109-5
Color Index Name:	PIGMENT RED 57:1
Color Index Number:	15850:1
INCI Name:	CI 15850 - Red 7 Lake

### Properties /Specifications

Particle Size:.....	<7 Micron
Pure Dye Content, (%):.....	47-57
Light Fastness:.....	N/A
Heat Stability:.....	stable to 150C
Antimony (Sb):.....	<10 PPM
Arsenic (As):.....	<2 PPM
Barium (Ba):.....	<50 PPM
Cadmium (Cd):.....	<1 PPM
Chromium (Cr):.....	<20 PPM
Cobalt (Co):.....	<5 PPM
Copper (Cu):.....	<20 PPM
Lead (Pb):.....	<2 PPM
Mercury (Hg):.....	<1 PPM
Nickel (Ni):.....	<10 PPM
Selenium (Se):.....	<3 PPM
Zinc (Zn):.....	<100 PPM

### Applications

#### Use Statement:

The combined total of D&C RED No. 6 and D&C RED No. 7 must not exceed 5mg per daily dose of a drug.  
Cosmetics -- consistent with Good Manufacturing Practices.

Microbiological Analysis:	TOTAL VIABLE BACTERIAL COUNT: <= 100cfu/g
	TOTAL YEAST FUNGI (MOLD) COUNT: <= 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



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- 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: E180

\* U.S. FDA CFR 21 part 73/74 & 82

\* EU Cosmetic Products Regulation (EC) No 1223/2009

\* Japan MHLW Ordinance No. 126 of July 29, 2003 - Coal-Tar Colors

\* 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:** 3205.00.0055

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