

## TECHNICAL DATA

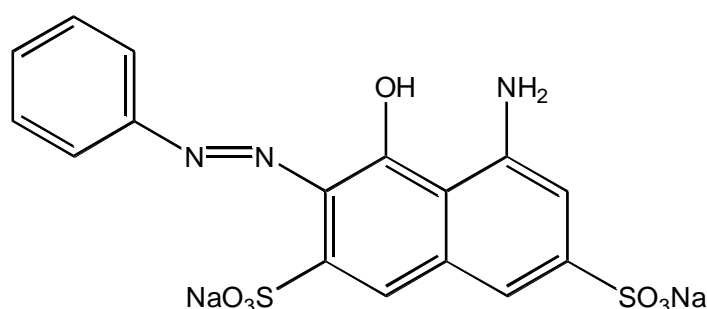
**PRODUCT NAME:** D&C RED 33  
**PRODUCT CODE:** 5P3733

Colour Index Name: Acid Red 33      Molecular Weight: 467.38

Colour Index No.: 17200  
CTFA Identification: D&C Red No. 33

CAS No.: 3567-66-6

Structure:



Pure Color: 82.0% minimum

Chemical Name: Disodium salt of 5-amino-4-hydroxy-3-(phenylazo)-2,7-naphthalenedisulfonic acid

Chemical Formula: C<sub>16</sub>H<sub>11</sub>N<sub>3</sub>O<sub>7</sub>S<sub>2</sub>Na<sub>2</sub>

Heavy Metals:

Lead	<20 ppm
Arsenic	<3 ppm
Mercury	<1 ppm

Volatile (@135°C) plus  
Chlorides & Sulfates  
as Sodium Salts:

18.0% maximum

Water Insoluble: 0.3% maximum

Uncombined  
Intermediates: Meets FDA Requirements

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Composition:

CI Acid Red 33	87-96%
Water	2-11%
Sodium Sulfate	0-0.05%
Sodium chloride	2-8%

Microbiological:

APC	<100 col./gram
Yeast & Mold	<100 col./gram combined
Gram Negative	Negative

Subsidiary Colors: Meets FDA Requirements

Recommended Use: Soap, shampoo, bubble bath, topically applied drugs and Nylon 66 and Nylon 6 sutures.

Use Restrictions: Use of this color is limited to drugs and cosmetics. It is also subject to additional restrictions.

Shelf Life: Indefinite when stored as recommended (5 years)

Recommended Storage Conditions: Store at room temperature in a dry location. Keep container and inner liner tightly closed.

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