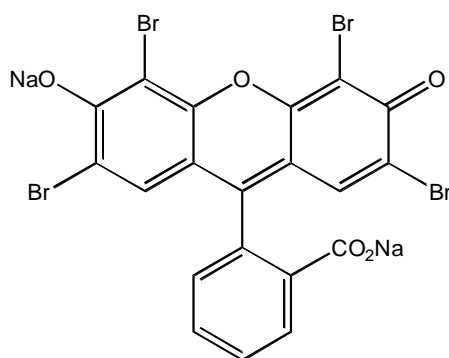


## TECHNICAL DATA

**PRODUCT NAME:** D&C RED 22 (EOSINE Y.S., PURIFIED)  
**PRODUCT CODE:** 5P0500

Colour Index Name: Acid Red 87      Molecular Weight: 691.86  
Colour Index No.: 45380  
CTFA Identification: D&C Red No. 22  
CAS No.: 17372-87-1

Structure:



Pure Color: 90.0% minimum  
Chemical Name: Disodium salt of 2,4,5,7-tetrabromo fluorescein  
Chemical Formula:  $C_{20}H_6O_5Na_2Br_4$   
Heavy Metals:  
Lead <20 ppm  
Arsenic <3 ppm  
Mercury <1 ppm  
Volatile (@135°C) plus Chlorides & Sulfates as Sodium Salts: 10.0% maximum  
Water Insolubles: 0.5% maximum  
Uncombined Intermediates: Meets FDA Requirements

05/16/2017 PAR:rmg

(CONTINUED ON NEXT PAGE)

**PRODUCT NAME:** D&C RED 22 (EOSINE Y.S., PURIFIED)  
**PRODUCT CODE:** 5P0500

---

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

Subsidiary Colors: Meets FDA Requirements

Recommended Use: Liquid foundation, lipstick, lotion, ingested drugs, topically applied drugs

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.

DyStar Hilton Davis  
 2235 Langdon Farm Rd.  
 Chininnati, OH 45237  
 USA  
 Telephone +1 800-477-1022  
 Fax (marketing) +1 513 441 3771  
 DyStar-USA@DyStar.com  
 www.DyStar.com

This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale and Delivery.