



**PYLAM FOOD,
DRUG, AND
COSMETIC COLORS**

**PROVIDING COLORS TO THE
WORLD SINCE 1919**

PYLAM

Food, Drug and Cosmetic Colorants from Pylam Products

Pylam Products was one of the first companies in the United States to attain FDA certification on a dye. In the decades since then Pylam has acquired a vast inventory of FDA certified dyes, lakes, and pigments. In addition we've developed an expertise in pairing these colorants with our customers' products and custom-color needs.

Pylam Overview

Pylam is an industry-leading supplier of dyes, pigments, and colorants to the global marketplace. Our colorants are used in an extensive array of products which range from cosmetics, soaps, candles, plastics, and industrial applications, just to name a few. We focus on providing the highest grade products available with an unsurpassed level of support and flexibility. We offer a wide range of package sizes of all colorants including commodity items and custom-made blends designed to satisfy exacting specifications.

The Pylam Advantage

Pylam is here for you. We are color experts. When you partner with Pylam you get access to our products, services, and related benefits.

- **Custom blending services.** We can match any shade, in nearly any product, and you will receive the same shade each and every time you order.
- **Rapid response and customer support services.** We take pride in providing quick responses to our customers' questions and needs. We do all we can to make our customers' use of our products as effective and efficient as possible.
- **Shade identification for product differentiation and product enhancement.** We help our customers find the right shade for their products, enabling them to stand out from the competition.
- **Fast order fulfillment.** Most orders ship within one to two business days, even custom blends.
- **Full range of order and package sizes.** Our package sizes start at one pound, even for our custom blends.
- **An Inventory Covering the Entire Color Spectrum.** We carry thousands of dye, pigment, lake, and natural colorants in our inventory at all times.
- **Best-in-class packaging.** Expertly packed containers with the highest quality packing materials and attention to detail.

No one can match the combined offering of our vast inventory, rapid shipment, ultra-high quality products, flexible support, and our full range of package sizes.

The lists in this brochure provide a small sampling of some of our FDA certified dyes, lakes, and pigments. Please contact us so that we can work with you to find the right colorant for your product.

1 800.645.6095 sales@pylamdyes.com

Legend

1: Foods, Drugs, Cosmetics

2: Foods, Ingested Drugs

3: Drugs, Cosmetics

4: Externally applied Drugs, Externally applied Cosmetics

5: Quaternary ammonium drug for external application

6: Externally applied Cosmetics

7: Ingested Drugs

8: Externally applied Cosmetics, and Ingested Drugs

e: Drugs and Cosmetics around the eyes

m: Cosmetics permitted on the lips

r: Usage restrictions; Consult the FDA's Code of Federal Regulations

u: Specific cosmetics

z: Specific medical devices

W: Water (and generally Propylene Glycol)

A: Alcohols

PG: Propylene Glycol








H: Alkali pH (~ pH 9)

O: Oils

D: Dispersible












Usage restrictions imposed by regulatory and governmental authorities may apply, and the information provided herein is only intended to serve as a guide. You must ensure compliance in connection with your use of these products.

Certified Food Colors

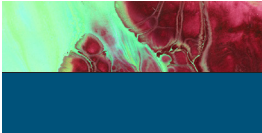


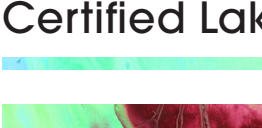
	Product Name	Synonym	CI Number	E Number	Permissible Uses	Solubility	Lightfastness
	FD&C Blue #1 ^o	Brilliant Blue FCF	CI 42090	E133	1 e m	W	Moderate
	FD&C Blue #2	Indigotine	CI 73015	E132	2 z	W	Poor
	FD&C Green #3	Fast Green FCF	CI 42053	E143	1 m	W	Moderate
	FD&C Red #3 ^o	Erythrosine	CI 45430	E127	2	W	Poor
	FD&C Red #40 ^o	Allura Red	CI 16035	E129	1 e m	W	Good
	FD&C Yellow #5 ^o	Tartrazine	CI 19140	E102	1 e m	W	Very Good
	FD&C Yellow #6 ^o	Sunset Yellow FCF	CI 15985	E110	1 m	W	Very Good

◊ Granular form available

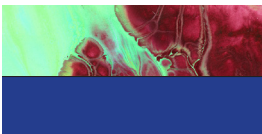



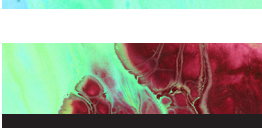
Certified Water Soluble Drug and Cosmetic Colors

	Product Name	Synonym	CI Number	E Number	Permissible Uses	Solubility	Lightfastness
	D&C Green #5	Alizarine Cyanine Green	CI 61570	--	3 e m	W	Very Good
	D&C Green #8	Pyranine	CI 59040	--	4 r	W	Good
	D&C Orange #4	Orange II	CI 15510	--	4	W	Good
	FD&C Red #4	Ponceau SX	CI 14700	E125	4	W	Good
	D&C Red #22	Eosine Y	CI 45380	--	3 m	W	Poor
	D&C Red #28	Phloxine B Sodium Salt	CI 45410	--	3 m	W	Poor
	D&C Red #33	Acid Fuchsine D	CI 17200	--	3 m r	W	Good
	D&C Red #39	Alba Red	CI 13058	--	5	H	Poor
	D&C Yellow #7	Fluorescein	CI 45350:1	--	4	A H	Poor
	D&C Yellow #8	Uranine	CI 45350	--	4	W	Poor
	D&C Yellow #10	Quinoline Yellow	CI 47005	E104	3 m z	W	Moderate
	Ext. D&C Violet #2	Alizural Purple	CI 60730	--	6	W	Good







Certified Oil Soluble Drug and Cosmetic Colors

	Product Name	Synonym	CI Number	E Number	Permissible Uses	Solubility	Lightfastness
	D&C Green #6	Alizarine Green Oil Soluble	CI 61565	-	4 z	O	Good
	D&C Red #17	Toney Red Oil Soluble	CI 26100	-	4 z	O	Good
	D&C Violet #2	Irisole Violet Oil Soluble	CI 60725	-	4 z	O	Good
	D&C Yellow #11	Quinoline Yellow SS Oil Soluble	CI 47000	-	4	O	Good









Certified Lake Food, Drug, and Cosmetic Colors

	Product Name	Synonym	CI Number	E Number	Permissible Uses	Solubility	Lightfastness
	FD&C Blue #1 Al Lake	Brilliant Blue FCF Aluminum Lake	CI 42090:2	E133 Lake	1 e m	D	Moderate
	FD&C Blue #2 Al Lake	Indigotine Aluminum Lake	CI 73015:1	E132 Lake	2	D	Moderate
	FD&C Red #40 Al Lake	Allura Red Aluminum Lake	CI 16035:1	E129 Lake	1 e m	D	Very Good
	FD&C Yellow #5 Al Lake	Tartrazine Aluminum Lake	CI 19140:1	E102 Lake	1 e m	D	Very Good
	FD&C Yellow #6 Al Lake	Sunset Yellow FCF Aluminum Lake	CI 15985:1	E110 Lake	1 m	D	Very Good













Certified Lakes, Pigments, and Toners for Drugs and Cosmetics

	Product Name	Synonym	CI Number	E Number	Permissible Uses	Solubility	Lightfastness
	D&C Black #2	Carbon Black	CI 77266	--	u r	D	Excellent
	D&C Orange #5	Dibromofluorescein	CI 45370:1	--	4 m	A PG H	Poor
	D&C Red #6	Lithol Rubine Na	CI 15850	--	3 m r	D PG H	Good
	D&C Red #6 Ba Lake	D&C Red #6 Barium Lake	CI 15850:2	--	3 m r	D	Good
	D&C Red #7	Lithol Rubine BK	CI 15850:1	E180	3 m r	D PG	Excellent
	D&C Red #7 Ca Lake	D&C Red #7 Calcium Lake	CI 15850:1	--	3 m r	D	Excellent

Certified Lakes, Pigments, and Toners for Drugs and Cosmetics – cont.

	Product Name	Synonym	CI Number	E Number	Permissible Uses	Solubility	Lightfastness
	D&C Red #21	Tetrabromofluorescein	CI 45380:2	--	3 m	A PG H	Poor
	D&C Red #21 Al Lake	D&C Red #21 Aluminum Lake	CI 45380:3	--	3 m	D	Poor
	D&C Red #27	Tetrachloro-Tetrabromo Fluorescein	CI 45410:1	--	3 m	A PG H	Poor
	D&C Red #27 Al Lake	D&C Red #27 Aluminum Lake	CI 45410:2	--	3 m	D	Poor
	D&C Red #30 Al Lake	D&C Red #30 Aluminum Lake	CI 73360	--	3 m	D	Excellent
	D&C Red #33 Al Lake	Acid Fuchsine D Aluminum Lake	CI 17200:1	--	3 m r	D	Good
	D&C Red #36	Pigment Red 4	CI 12085	--	8 m r	D	Excellent
	D&C Yellow #10 Al Lake	Quinoline Yellow Aluminum Lake	CI 47005:1	E104 Lake	3 m	D	Excellent

Certified Water Soluble Food, Drug, and Cosmetic Blends

	Product Name	Permissible Uses	Solubility	Lightfastness
	Pyla-Cert Black MX-295	1 m	W	Good
	Pyla-Cert Food Black MX-410	2	W	Moderate
	Pyla-Cert Black MX-578	2	W	Moderate
	Pyla-Cert Black Abyss MX-762	3	W	Moderate
	Pyla-Cert Toy Blue MX-138A	2	W	Poor
	Pyla-Cert Dark Blue MX-501	3 m r	W	Good
	Pyla-Cert Royal Blue MX-549	3 m r	W	Moderate
	Pyla-Cert Turquoise Blue MX-554	3 e m	W	Moderate
	Pyla-Cert Berola Brown MX-12B	1 m	W	Good
	Pyla-Cert Amber MX-450	4	W	Good
	Pyla-Cert Dark Brown MX-456	3 m r	W	Good
	Pyla-Cert Chocolate Brown MX-485	1 e m	W	Moderate

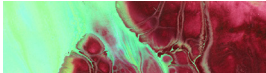




Certified Water Soluble Food, Drug, and Cosmetic Blends – cont.

	Product Name	Permissible Uses	Solubility	Lightfastness
	Pyla-Cert Brown MX-654	3 e m	W	Good
	Pyla-Cert Olive Green MX-1A	4	W	Good
	Pyla-Cert Grass Green MX-3	6	W	Very Good
	Pyla-Cert Turquoise Green MX-4	1 e m	W	Moderate
	Pyla-Cert Verdant Green MX-135	1 e m	W	Moderate
	Pyla-Cert Dark Green MX-423	1 m	W	Moderate
	Pyla-Cert Bright Green MX-504	4 r	W	Moderate
	Pyla-Cert Peach MX-451	4	W	Good
	Pyla-Cert Orange MX-470	1 m	W	Good
	Pyla-Cert Red Orange MX-642	3 m r	W	Moderate
	Pyla-Cert Blood Red MX-424	4	W	Good
	Pyla-Cert Pink MX-512	3 m r	W	Poor
	Pyla-Cert Dark Red MX-534	1 e m	W	Good
	Pyla-Cert Red Raspberry MX-740	2	W	Poor
	Pyla-Cert Blue Violet MX-60	2	W	Poor
	Pyla-Cert Violet MX-293A	3 m r	W	Good
	Pyla-Cert Violet MX-434	3 m r	W	Moderate
	Pyla-Cert New Lavender MX-500	6	W	Good
	Pyla-Cert Violet MX-586	6	W	Good
	Pyla-Cert Golden Yellow MX-18	1 m	W	Very Good
	Pyla-Cert Egg Yellow MX-223	1 m	W	Very Good
	Pyla-Cert Lemon Yellow MX-588	3 m	W	Good

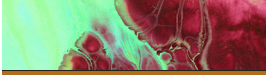











Certified Oil Soluble Drug and Cosmetic Blends

	Product Name	Permissible Uses	Solubility	Lightfastness
	Pyla-Cert Oil Black MX-453	4	O	Good
	Pyla-Cert Oil Black MX-759	4	O	Good
	Pyla-Cert Blue MX-91	4	O	Good
	Pyla-Cert Dark Blue MX-639	4	O	Good
	Pyla-Cert Oil Amber XA MX-166A	4	O	Good
	Pyla-Cert Oil Dark Brown MX-486	4	O	Good
	Pyla-Cert Oil Golden Brown MX-643	4	O	Good
	Pyla-Cert Oil Green MX-144A	4	O	Good
	Pyla-Cert Light Green MX-582	4	O	Good
	Pyla-Cert Oil Olive Green MX-599	4	O	Good
	Pyla-Cert Oil Red Orange MX-465	4	O	Good
	Pyla-Cert Oil Peach MX-564	4	O	Good
	Pyla-Cert Oil Orange MX-607	4	O	Good
	Pyla-Cert Pink MX-494	4	O	Good
	Pyla-Cert Oil Scarlet MX-722	4	O	Good
	Pyla-Cert Light Violet MX-636	4	O	Good
	Pyla-Cert Oil Red Violet MX-674	4	O	Good
	Pyla-Cert Oil Golden Yellow MX-577	4	O	Good

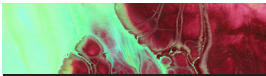











Certified Lakes and Pigments for Foods, Drugs, and Cosmetics

	Product Name	Permissible Uses	Solubility	Lightfastness
	Pyla-Cert Black Lake MX-558	1 m	D	Very Good
	Pyla-Cert Silver Lake MX-750	2	D	Good
	Pyla-Cert Blue Lake MX-626	7	D	Moderate
	Pyla-Cert Dark Blue Lake MX-679	3 m r	D	Moderate

Certified Lakes and Pigments for Foods, Drugs, and Cosmetics – cont.

	Product Name	Permissible Uses	Solubility	Lightfastness
	Pyla-Cert Tan Lake MX-557	1 e m	D	Moderate
	Pyla-Cert Chocolate Lake MX-754	1 m	D	Very Good
	Pyla-Cert Green Lake MX-562	1 e m	D	Moderate
	Pyla-Cert Bright Green Lake MX-683	3 m	D	Good
	Pyla-Cert Orange Lake MX-624	3 m	D	Very Good
	Pyla-Cert Orange Lake R MX-708	1 m	D	Very Good
	Pyla-Cert Red Lake MX-677	3 m	D	Poor
	Pyla-Cert Violet Lake MX-661	2	D	Moderate
	Pyla-Cert Dark Violet Lake MX-689	3 m r	D	Good
	Pyla-Cert Dark Purple Lake MX-732	3 m	D	Poor
	Pyla-Cert Gold Lake MX-621	1 m	D	Very Good

Pigments for Foods, Drugs, and Cosmetics

	Product Name	Synonym	CI Number	E Number	Permissible Uses	Solubility	Lightfastness
	Black Iron Oxide	Pigment Black 11	CI 77499	--	3 e m r	D	Excellent
	Ferric Ammonium Ferrocyanide	Pigment Blue 27	CI 77510	--	4 e	D	Excellent
	Ultramarine Blue	Pigment Blue 29	CI 77007	--	6 e	D	Excellent
	Ultramarine Blue BC	Pigment Blue 29	CI 77007	--	6 e	D	Excellent
	Iron Oxide Brown Cosmetic	Iron Oxide Blend	--	--	3 e m r	D	Excellent
	Hydrated Chromium Oxide	Pigment Green 18	CI 77289	--	3 e	D	Excellent
	Iron Oxide Red Cosmetic	Pigment Red 101	CI 77491	--	3 e m r	D	Excellent
	Ultramarine Pink	Pigment Violet 15	CI 77007	--	6e	D	Excellent
	Ultramarine Violet	Pigment Violet 15	CI 77007	--	6 e	D	Excellent
	Iron Oxide Yellow	Pigment Yellow 42	CI 77492	--	3 e m r	D	Excellent
	Titanium Dioxide	Pigment White 6	CI 77891	E171	1 e m r	D	Excellent



Pylam Products Company, Inc.
 2175 East Cedar Street, Tempe, Arizona 85281-7431
 Phone: 480-929-0070 Toll Free: 800-645-6096 Fax: 480-929-0078
 Contact us: www.pylamdyes.com sales@pylamdyes.com