

spectrum

controlled substances

Schedules II, III, IV and V



800.901.4061 • www.spectrumchemical.com

SPECTRUM[®]
CHEMICALS & LABORATORY PRODUCTS

How To Order

To Order – Call 800.901.4061

Account Number:

Sales and Customer Service

USA/Canada: 800-901-4061
Outside USA/Canada: 310-516-8000
FAX: 800-525-2299
Internet: www.spectrumchemical.com
Email: sales@spectrumchemical.com
internationalsales@spectrumchemical.com
Corporate Office: Spectrum Chemicals & Laboratory Products
14422 South San Pedro Street
Gardena, California 90248-2027
New Jersey Facility: 755 Jersey Avenue
New Brunswick, New Jersey 08901
Shanghai China Facility: 93 Central Haui Hai Road
Shanghai Time Square, Suite 2205
Shanghai, China 200021
Hours: 8 a.m. to 8 p.m. ET



Spectrum has the chemical and laboratory products you are looking for.

Spectrum Offers:

- Over 15,000 high quality chemicals
- Over 45,000 laboratory supplies, equipment and safety products
- More monograph chemicals (USP, NF, ACS, EP, JP, BP, etc.) than any other manufacturer

Spectrum's Business Practices:

- ISO 9001 certified
- FDA registered
- Operates under current Good Manufacturing Practices (cGMP)
- Registered with SBA, Central Contractor Registry (CCR), Austin-Tetra and PRO/Net

Spectrum's Customer Service:

- Toll-free ordering from 8 a.m. to 8 p.m. ET
- 24/7 ordering available through www.spectrumchemical.com
- Toll-free Technical Support from 8:30 a.m. to 8 p.m. ET
- 'In-stock' items shipped within 24 hours



You may be able to benefit from Spectrum's "Supplier Diversity" status. Call us today to learn how Spectrum can help you meet your **Supplier Diversity** guidelines.

Spectrum has over thirty years of experience in the fine chemical and laboratory supply business. All of our domestic facilities are ISO 9001 certified, FDA registered and operate under current Good Manufacturing Practices (cGMP).

Our extensive range of services includes:

- ACS, USP, NF, FCC, BP, EP and JP Grade Chemicals
- Custom Synthesis
- Multiple Fulfillment Centers
- Worldwide Sourcing for Unique and Hard-to-Find Products
- Custom Package Sizes
- Lot Sequestration
- Just-in-Time Delivery
- Custom Product Labeling

Controlled Substances

Controlled Substances are products with a potential for misuse. The manufacture, distribution, use, and disposal of controlled substances is regulated through many federal and state laws.

Spectrum is committed to preventing the diversion of controlled substances, chemicals and lab apparatus. The sale of a controlled substance requires a written order, a current signature card on file with Spectrum and a DEA Registration Certificate, valid for the schedule(s) being ordered. All three documents must be submitted with the first order. Controlled substances must be shipped to the address shown on the DEA Registration. Schedule 2 orders require a properly completed DEA Form 222. (See page 3.)

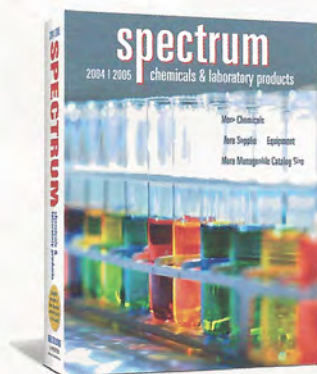
Controlled Substances from Spectrum

Spectrum offers a wide variety of hard-to-find Controlled Substances for research, laboratory and pharmaceutical use. If you are looking for Schedule II, III, IV, or V chemical products such as —

- Testosterone Enanthate
- Mibolerone
- Nandrolone Decanoate

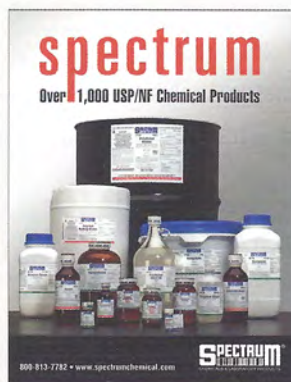
Spectrum has the products you need at prices that will fit your budget.

Spectrum is one of the largest suppliers of Schedule II – V products in the United States. Call us or visit our website for more information.



General Catalog

- Over 12,500 fine chemicals
- Over 20,000 laboratory products and supplies
- More than 2,300 pages of quality products



USP Brochure

- Over 1,000 USP/NF Chemicals
- "Drops to Drums" Quantities
- World's Largest Selection



USP/NF Chemicals for Research and Production

Whether you need a few drops or a 200 L (55 gallon) drum, we have the inventories and quantities you are looking for. Spectrum offers products in quantities packaged specifically to meet your requirements. Give us a call and we'll take care of all of your chemical needs.

Spectrum's ISO certification and full compliance with the FDA's current Good Manufacturing Practices (cGMP) form the foundation of our Integrated Quality (IQSM) Program. We believe that total quality can only be improved by continually monitoring and applying innovative ideas to our quality and production processes. All employees are encouraged to suggest improvements to existing operations and form teams to implement these enhancements. Our IQSM Program is a demonstration of our dedication to achieving excellence in product, service and value.

Chemicals entering our IQSM system are subject to a stringent program of in-house testing to ensure that they meet our own high quality standards. Our state-of-the-art laboratories are equipped to perform a wide range of tests and analysis including:

Instrumental Analysis:

- Gas Chromatography
- HPLC
- Fourier Transform Infrared Spectroscopy
- Atomic Absorption Spectroscopy
- Rotational Viscosity
- Specific and Optical Rotation
- Refractive Index
- Karl Fischer Titration
- Potentiometric Measurements (pH and ISE)
- Melting Point

Wet Analysis:

- Titrimetry (including Acidimetric, Complexometric and Redox)
- Gravimetric Analysis
- Colorimetric Analysis
- Solvent Extraction Techniques

Microbial Testing:

- Endotoxin by LAL
- Total Plate Count
- Yeast and Mold
- Differentiate Bacterial Colony

If your materials require testing that is not included in the standard compendia, we are capable of testing using methods provided by you or developed in our laboratories. Our staff chemists have over 200 years of industrial and pharmaceutical experience. Upon completion of testing, all certificates of compliance and analysis are held for inspection in a traceable file system based on lot number. These certificates, along with all material safety data sheets, are available on our website at www.spectrumchemical.com.

- Spectrum must have on file a current copy of your DEA Registration with Schedule II endorsement.
- Schedule II orders require DEA Form 222, pre-printed with your address and a serial number.
- Form 222 must be "complete, legible, and properly prepared, with no signs of alteration, erasure or change of any description" and must be completed in pen, indelible pencil or typewritten.
- Numbers 1-9 are completed by you. Spectrum has very limited authorization to make corrections.
- Form 222 becomes void after 60 days if altered or if "Last Line Completed" is incorrect.
- Order Form must be signed and dated by a person authorized to sign a registration application or a person holding Power of Attorney to Sign an Official Order Form.
- Orders may be shipped only to the exact address that is shown on your Registration Certificate.

See Reverse of PURCHASER'S Copy for Instructions			No order form may be issued for Schedule I and II substances unless a completed application form has been received, (21 CFR 1305.04).			OMB APPROVAL No. 1117-0010		
TO: (Name of Supplier) 1			STREET ADDRESS 2					
CITY and STATE 3			DATE 4			TO BE FILLED IN BY SUPPLIER		
			SUPPLIER'S DEA REGISTRATION No.					
TO BE FILLED IN BY PURCHASER								
LINE No.	No. of Packages	Size of Package	Name of Item			National Drug Code		Packages Shipped
1	5	6	7					
2								
3								
4								
5								
6								
7								
8								
9								
10								
8 LAST LINE COMPLETED (MUST BE 10 OR LESS)			SIGNATURE OF PURCHASER OR ATTORNEY OR AGENT 9					
Date Issued			DEA Registration No.			Name and Address of Registrant		
Schedules								
Registered as a			No. of this Order Form 10					
DEA Form -222 (Oct. 1992)			U.S. OFFICIAL ORDER FORMS - SCHEDULES I & II				85679130	
			DRUG ENFORCEMENT ADMINISTRATION					
			SUPPLIER'S Copy 1					

- 1** Spectrum Laboratory Products
- 2** 14422 South San Pedro Street
- 3** Gardena, CA 90248
- 4** Form 222 becomes void 60 days after this date
- 5** Number of packages being ordered
- 6** Size of package being ordered
(Must indicate units e.g. 25 gm, 100 gm, etc.)
- 7** Product name as shown in catalog (Be sure to include the "HCl," etc.)
- 8** IMPORTANT: Form 222 is VOID if this is incorrect
- 9** Must be a person authorized to sign your registration application or holding Power of Attorney to Sign an Official Order Form.
- 10** Fields below the dotted line must be pre-printed

The Spectrum label is designed to present technical and safety information in an easy-to-understand format. Our Technical Data Specialists stay abreast of the latest requirements of the American National Standards Institute

(ANSI), the Occupational Safety and Health Administration (OSHA), the Food and Drug Administration (FDA) and other government regulatory agencies in order to ensure compliance and accuracy.

				$C_{21}H_{27}NO \cdot HCl$ F.W. 345.91	
DANGER! MAY BE FATAL IF SWALLOWED DUST MAY CAUSE EYE AND RESPIRATORY TRACT IRRITATION MAY AFFECT BEHAVIOR, METABOLISM, BLOOD, GENETIC MATERIAL, BRAIN AND RESPIRATORY, CARDIOVASCULAR AND URINARY SYSTEMS CAN CAUSE ADVERSE REPRODUCTIVE EFFECTS AND BIRTH DEFECTS MAY BE HABIT FORMING Do not taste or swallow. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Avoid prolonged or repeated exposure. Use only with adequate ventilation. Wash thoroughly after handling. FIRST AID: In case of contact, flush affected area with plenty of water for at least 15 minutes. Remove contaminated clothing and/or contact lenses if worn. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. POISON - CALL A PHYSICIAN KEEP FROM CHILDREN		M1426—F Methadone Hydrochloride 100 G U.S.P. CAS 1095-90-5		DEA Number Required. — O Assay ($C_{21}H_{27}NO \cdot HCl$; Dried Basis)98.5-100.5% pH 4.5-6.5 MAXIMUM LIMITS Loss on Drying 0.3% Residue on Ignition 0.1% Ordinary Impurities 1.0% Organic Volatile Impurities To pass test LIGHT SENSITIVE, AIR SENSITIVE: Keep tightly closed in light-resistant containers.	
CAUTION: For manufacturing, processing or repacking. Rx only. Read and understand the label and Material Safety Data Sheet (MSDS) prior to use.		DOT: Toxic solid, organic, n.o.s., 6.1, UN2811, PG II For chemical emergency, call (800)424-9300		Lot No. UC0984	
SPECTRUM CHEMICAL MFG. CORP. Gardena, CA 90248 • New Brunswick, NJ 08901					

LEGEND

A Bar Code	F Product Catalog Number	L DOT Shipping Information	P Lot Number	YELLOW: Oxidizer
B Schedule Number	G Size/Quantity	M Toll-Free 24-Hour Chemical Emergency Telephone Number	Q Storage Color Bar	RED: Flammable
C DOT Hazard Icon	H Item Name	N Empirical Formula, Formula Weight and Technical Specifications panel		GREEN: General Storage
D Hazardous Materials Identification System Information	I Grade and Form	O Customer's DEA Number Required		BLUE: Health Hazard
E Warning, Safety Data and Precautionary Information	J Chemical Abstracts Services (CAS) Registry Number			WHITE: Corrosive
	K Caution Information			

This bar indicates the hazard most likely to be posed by that material under storage conditions. The criteria used to assign proper color have been established by the Storage Code working group of the Society for Chemical Hazard Communication (SCHC). It is recommended that like colors be stored together, unless otherwise stated, based on the color codes indicated to the right. However, it is the responsibility of the customer to check with local fire departments for possible conflicts with our recommendations when storing hazardous chemicals.

Hazard Symbols

For recognition purposes, the hazard symbols in the catalog are from Title 49 of the Code of Federal Regulations (CFR), part 172 (DOT), yet the criteria used for assigning hazard symbols are primarily from the American National Standards Institute (ANSI) standard Z129.1 for Hazardous Industrial Chemicals Precautionary Labeling. The hazard symbols in the catalog are provided only as a guide for quick recognition of the acute hazards associated with our chemicals. They are not to be used in lieu of reading the Material Safety Data Sheet (MSDS) nor do they necessarily reflect correct DOT markings. Please refer to 49CFR for correct DOT markings.



Poisonous Substances: Very hazardous to health when inhaled, swallowed or when they come in contact with the skin. May even lead to death. Danger! Avoid contact with the human body and immediately contact a physician in case of contact.



Flammable: Designates those items which are:

- Flammable Liquids — Caution! Flash point at or below 141°F (60.5°C).
- Flammable Solids — Caution! Keep away from open fires, sources of heat and sparks.
- Combustible Material — Caution! Flash point greater than 141°F but less than 200°F (or greater than 60.5°C but less than 90°C).

Keep away from open flames, sources of heat and sparks.

Note: Most combustible materials sold by Spectrum are not subject to DOT Hazardous Materials Regulations per 29CFR 173.150.

AL400

Alprazolam, USP

DEA Schedule 4N.

 $C_{17}H_{13}ClN_4$ F.W. 308.76 CAS 28981-97-7

25 mg	50.00
100 mg	175.00
1 g	495.00
100 g	3132.00

Assay ($C_{17}H_{13}ClN_4$) 98.0-102.0%

Chromatographic Purity To pass test

MAXIMUM LIMITS

Loss on Drying 0.5%

Residue on Ignition 0.5%

Heavy Metals 0.002%

Anasterone See *Oxymetholone*, p. 10**5 α -Androstan-17 β -ol-3-one** See *Dihydrotestosterone*, p. 8

A2757

4-Androstene-3,17-dione

DEA Schedule 3.

 $C_{19}H_{26}O_2$ F.W. 286.42 CAS 63-05-8

1 g	15.50
5 g	47.95
10 g	84.90
25 g	184.05
25 kg	Inquire

Assay Approx. 98%

4-Androsten-17 β -ol-3-one See *Testosterone Topical*, p. 11**4-Androsten-17 β -ol-3-one 17-Enanthate** See *Testosterone Enanthate*, p. 12

BA115

Barbital, Powder, Purified[Barbitone; 5,5-Diethylbarbituric Acid; 5,5-Diethyl-2,4,6(1H,3H,5H)-pyrimidinetrione; Veronal]
DEA Schedule 4N. $C_8H_{12}N_2O_2$ F.W. 184.20 CAS 57-44-3

25 g	70.75
125 g	189.00
500 g	594.00

Assay Min. 99%

Melting Point 189°-192°C

MAXIMUM LIMITS

Ash 0.1%

Barbital Sodium See *Sodium Barbital*, p. 11

B1420

Boldenone Undecylenate[Boldenone-10-undecenoate; Dehydrotestosterone Undecylenate; 17-Hydroxyandrost-1,4-diene-3-one-17-undecenoate]
DEA Schedule 3N. $C_{30}H_{44}O_3$ F.W. 452.68 CAS 13103-34-9

25 g	150.00
100 g	550.00
500 g	2100.00
1 kg	3350.00

REFRIGERATE

B1637

Buprenorphine Hydrochloride, USP

DEA Schedule 3.

 $C_{29}H_{41}NO_4 \cdot HCl$ F.W. 504.10 CAS 53152-21-9

100 mg	165.35
500 mg	662.35
1 g	1187.50
5 g	3189.90
100 g	13101.00

Assay ($C_{29}H_{41}NO_4 \cdot HCl$; Anhydrous Basis) 98.5-101.0%Specific Rotation, $[\alpha]_D^{25}$ -92° to -98°

pH (1% Solution) 4.0-6.0

Chromatographic Purity To pass test

MAXIMUM LIMITS

Water 1.0%

Residue on Ignition 0.1%

CH113

Chloral, Hydrate, Crystal, USP

DEA Schedule 4N.

 $C_2H_3Cl_3O_2$ F.W. 165.40 CAS 302-17-0

125 g	65.00
500 g	195.00
12 kg	995.00

Assay ($C_2H_3Cl_3O_2$) 99.5-102.5%

Acidity To pass test

MAXIMUM LIMITS

Residue on Ignition 0.1%

Chloride (Cl) 0.007%

Readily Carbonizable Substances To pass test

Organic Volatile Impurities To pass test

C3629

Chloral, Hydrate

DEA Schedule 4N.

 $C_2H_3Cl_3O_2$ F.W. 165.40 CAS 302-17-0

5 g	14.70
125 g	22.85
500 g	62.25
2.5 kg	240.10

C1408

Cocaine Hydrochloride, USP

DEA Schedule 2.

 $C_{17}H_{21}NO_4 \cdot HCl$ F.W. 339.81 CAS 53-21-4

1 g	149.50
5 g	597.60
25 g	2450.30

Assay ($C_{17}H_{21}NO_4 \cdot HCl$; Dried Basis) 99.0-101.0%Specific Rotation, $[\alpha]_D^{25}$ -71° to -73°

MAXIMUM LIMITS

Acidity To pass test

Loss on Drying 1.0%

Residue on Ignition 0.1%

Readily Carbonizable Substances To pass test

Cinnamyl-Cocaine and other Reducing Substances To pass test

Isoatropyl-Cocaine To pass test

DOT: Alkaloid salt, solid, n.o.s. (cocaine hydrochloride), 6.1, UN1544, PG III

Largest individual container shippable via:

UPS Ground: 2.5 kg UPS Air: 500 g FedEx Air: 2.5 kg¹

1. Additional carrier-imposed hazardous material charge.