NOTE: Government Code section 11340.85 requires the Board to post all notices, initial statement of reasons and texts of rules noticed to the public until 15 days after the proposed regulations are filed with the Secretary of State by the Office of Administrative Law.

CALIFORNIA HORSE RACING BOARD
TITLE 4, DIVISION 4, CALIFORNIA CODE OF REGULATIONS

NOTICE OF PROPOSAL TO AMEND
RULE 1843.2. CLASSIFICATION OF DRUG SUBSTANCES

The California Horse Racing Board (Board/CHRB) proposes to amend the regulation described below after considering all comments, objections or recommendations regarding the proposed action.

PROPOSED REGULATORY ACTION

The Board proposes to amend Rule 1843.2, Classification of Drug Substances. The proposed amendment will revise the form California Horse Racing Board (CHRB) Penalty Category Listing by Classification (Revised 04/15), which is incorporated by reference in Rule 1843.2. The revisions to the form will add cobalt as a Class 3 or Class 4 substance, depending on the level of the substance determined to be in the official test sample. Other revisions to the CHRB Penalty Category Listing by Classification will bring the form in line with the Association of Racing Commissioners International (ARCI) Uniform Classification Guidelines for Foreign Substances, and include spelling corrections, reclassification of drug substances, and the addition of drug substances.

PUBLIC HEARING

The Board will hold a public hearing starting at **9:30 a.m., Thursday, August 20, 2015**, or as soon after that as business before the Board will permit, at the **Del Mar Surfside Race Place, 2260 Jimmy Durante Boulevard, Del Mar, California**. At the hearing, any person may present statements or arguments orally or in writing about the proposed action described in the informative digest. It is requested, but not required, that persons making oral comments at the hearing submit a written copy of their testimony.

WRITTEN COMMENT PERIOD

Any interested persons, or their authorized representative, may submit written comments about the proposed regulatory action to the Board. The written comment period closes at **5:00 p.m., on August 10, 2015**. The Board must receive all comments at that time; however, written comments may still be submitted at the public hearing. Submit comments to:

Harold Coburn, Regulation Analyst
California Horse Racing Board
1010 Hurley Way, Suite 300

Sacramento, CA 95825
Telephone (916) 263-6026
Fax: (916) 263-6042
E-Mail: haroldc@chrb.ca.gov

AUTHORITY AND REFERENCE

Authority cited: Sections 19580, 19581 and 19582, Business and Professions Code.
Reference: Section 19580, 19581 and 19582, Business and Professions Code.

Business and Professions Code sections 19580, 19581 and 19582 authorize the Board to adopt the proposed regulation, which would implement, interpret or make specific sections 19580, 19581 and 19582, Business and Professions Code.

INFORMATIVE DIGEST/POLICY STATEMENT OVERVIEW

Business and Professions Code section 19580 provides that the Board shall adopt regulations to establish policies, guidelines, and penalties relating to equine medication to preserve and enhance the integrity of horse racing in California. Business and Professions Code section 19581 states no substance of any kind shall be administered by any means to a horse after it has been entered to race in a horse race, unless the Board has, by regulation, specifically authorized the use of the substance and the quantity and the composition thereof. Business and Professions Code section 19582 states violations of section 19581, as determined by the Board are punishable as set forth in regulations adopted by the Board. The Board may classify violations of section 19581 based on each class of prohibited drug substances, prior violations within the previous three years, and prior violations within the violator's lifetime.

The Board proposes to amend Rule 1843.2 to add cobalt to the CHRB form Penalty Categories Listing by Classification (Revised 04/15), which is incorporated by reference in Rule 1843.2. The proposed amendment will also update the CHRB Penalty Categories Listing by Classification to bring it in line with the ARCI Uniform Classification Guidelines for Foreign Substances. The revisions to the CHRB Penalty Categories Listing by Classification include spelling corrections, reclassification of drug substances, and the addition of drug substances. The CHRB Penalty Categories Listing by Classification lists medications and drug substances whose presence in an official test sample, or whose presence in excess of the authorized level, will result in a violation of the Board's rules. The form also lists drug classification and penalty class for each substance. When adjudicating a hearing for a violation of Business and Professions Code section 19581, the Board, the board of stewards, the hearing officer, or the administrative law judge must consider the classification of the substance as listed in the CHRB Penalty Categories Listing by Classification.

Cobalt is a naturally occurring trace element which may normally be present in horses at very low levels as a result of the ingestion of feedstuffs that contain it in trace amounts. Cobalt is also present in the structure of vitamin B12. Cobalt can be administered to horses as a powder, feed supplement or injection. Although naturally occurring in horses, excessive amounts of the substance in the system can lead to severe side effects, which include damaging the thyroid,

cardiovascular system, nerve problems and blood thickening. High doses of cobalt containing products may be used to increase erythropoiesis, the process which produces red blood cells. When more red blood cells are generated there is a greater ability to carry oxygen through the body and allow peak performance levels to be maintained for longer periods of time. This may make cobalt attractive to some in the horseracing industry who would misuse it to gain an edge in competition.
Cobalt became a concern for United States racing officials in 2013 when its presence was detected in a large number of samples taken at a New Jersey racetrack. The substance has also been of concern to horseracing officials in Australia and other international horseracing jurisdictions. In 2014 the CHRB announced it would commence monitoring cobalt levels in horses competing at California racetracks and in certain necropsy specimens. In the fall of 2014 the Board endorsed a proposal to amend its rules to regulate the use of cobalt.

The proposed amendment to Rule 1843.2 would add cobalt to the CHRB Penalty Categories Listing by Classification as a Class 3 drug at a level of 50 nanograms per milliliter, or more, in blood. Class 3 drugs are substances that may or may not have generally accepted medical use in the racing horse, but the pharmacology of which suggests less potential to affect performance than drugs in Class 2. In addition, cobalt has been added to the CHRB Penalty Categories Listing by Classification as a Class 4 drug at a level of 25 nanograms per milliliter, or more, in blood. Class 4 drugs are substances that include therapeutic medications that would be expected to have less potential to affect performance than those in Class 3. The two tiered system for listing cobalt in the CHRB Penalty Categories Listing by Classification recognizes the scenario of a trainer negligently feeding a high cobalt containing mineral supplement and exceeding 25 parts per billion (ppb). Exceeding 50 ppb would require an intentional administration of cobalt. The CHRB has similar graduated penalty schemes for TCO2, flunixin, and phenylbutazone. The cobalt thresholds under Rule 1843.2 have been established in blood because a threshold in urine has not been established in the United States (US). Urine is problematic for establishing thresholds in the US because almost all US racehorses receive furosemide (Lasix), which impacts cobalt and other drug concentrations by diluting the urine. Blood thresholds are more reliable, and it is an easier matrix to sample and test for a substance like cobalt. It is necessary to add cobalt to the CHRB Penalty Categories Listing by Classification to provide guidance to the board of stewards, the hearing officer, or the administrative law judge when adjudicating a hearing for a violation of Business and Professions Code section 19581. The CHRB Penalty Categories Listing by Classification provides both the drug class and the penalty class for listed medications and drug substances. The penalty classifications are used under Board Rule 1843.3, Penalties for Medication Violations, to determine penalties for violations due to the presence of a drug substance in an official test sample. The addition of cobalt to the CHRB Penalty Categories Listing by Classification will also provide clarity for licensees. Interested parties will understand that cobalt's presence in an official test sample (at specified levels) will constitute a medication violation, and the penalty classifications for cobalt will provide the possible penalties.

Other modifications to the CHRB Penalty Categories Listing by Classification are necessary to bring the form in line with the ARCI Uniform Classification Guidelines for Foreign Substances. The modifications include: changing Ractopamine from Class 3/Penalty B to Class 2/Penalty A; Zilpaterol from Class 3/Penalty A to Class 2/Penalty A; Deracoxib (Deremaxx) from Class 3/Penalty C to Class 3/Penalty B; and Ambroxol from Class 4/Penalty B to Class 4/Penalty C.

Spelling corrections include: Dehydrochloromethyltestosterone; Amiodarone; and 2-Aminoheptane. Additions to the CHRB Penalty Categories Listing by Classification include: Benzonatate; Almotriptan; Acenocoumarol; Pergolide; and Methylhexaneamine (Geranamine). The changes to the CHRB Penalty Categories Listing by Classification will provide clarity and consistency for interested parties, as the form will align with the ARCI Uniform Classification Guidelines for Foreign Substances. The ARCI guidelines have been adopted by the majority of racing states, so horsemen, especially those from out-of-state, will find the same prohibitions regarding medications and drug substances apply in California as in New York, Florida or Texas.

Evaluation of Consistency and Compatibility with Existing State Regulations: During the process of developing the proposed amendment, the Board has conducted an evaluation for any related regulations and has determined that Rule 1843.2 is the only regulation dealing with classification of drug substances with regards to horse racing in California. Therefore the proposed regulation is neither inconsistent nor incompatible with existing state regulations.

DISCLOSURE REGARDING THE PROPOSED ACTION

Mandate on local agencies and school districts: none.

Cost or savings to any state agency: none.

Cost to any local agency or school district that must be reimbursed in accordance with Government Code sections 17500 through 17630: none.

Other non-discretionary costs or savings imposed upon local agencies: none.

Cost or savings in federal funding to the State: none.

The Board has made an initial determination that the proposed amendment to Rule 1843.2 will not have a significant statewide adverse economic impact directly affecting business including the ability of California businesses to compete with businesses in other states.

The following studies/relevant data were relied upon in making the above determination: none.

Cost impact on representative private persons or businesses: The Board is not aware of any cost impacts that a representative private person or business would necessarily incur in reasonable compliance with the proposed action.

Significant effect on housing costs: none.

RESULT OF ECONOMIC IMPACT ANALYSIS

The adoption of the proposed amendment to Rule 1843.2 will not (1) create or eliminate jobs within California; (2) create new businesses or eliminate existing businesses within California; or (3) affect the expansion of businesses currently doing business within California. The proposed amendment to Rule 1843.2 promotes the health and safety of race horses, which is jeopardized if

they workout or race under the influence of unauthorized drug substances or medications, or have excessive levels of authorized medications in their systems. Keeping race horses healthy protects the economic interest of owners and ensures that there is an adequate horse inventory. Ensuring that horses entered to race are sound and are not under the influence of unauthorized drug substances or medications, or excessive levels of authorized medications, also promotes jockey safety. If horses entered to race are not running with unauthorized drug substances or medications in their systems, the public will see horseracing as a sport that cares about the health and safety of both horse and rider, which may result in an increase in the publics' positive perception of the sport. A more favorable public response to horse racing could result in an increase in wagering which will have a positive economic impact on the industry.

Effect on small businesses: none. The proposal to amend Rule 1843.2 does not affect small businesses because horse racing is not a small business under Government Code section 11342.610.

CONSIDERATION OF ALTERNATIVES

In accordance with Government Code Section 11346.5, subdivision (a)(13), the Board must determine that no reasonable alternative considered by the Board, or that has otherwise been identified and brought to the attention of the Board, would be more effective in carrying out the purpose for which the action is proposed, or would be as effective and less burdensome on affected private persons than the proposed action, or would be more cost-effective to affected private persons and equally effective in implementing the statutory policy or other provision of law.

The Board invites interested persons to present statements or arguments with respect to alternatives to the proposed regulation at the scheduled hearing or during the written comment period.

CONTACT PERSON

Inquiries concerning the substance of the proposed action and requests for copies of the proposed text of the regulation, the initial statement of reasons, the modified text of the regulation, if any, and other information upon which the rulemaking is based should be directed to:

Harold Coburn, Regulation Analyst
California Horse Racing Board
1010 Hurley Way, Suite 300
Sacramento, CA 95825
Telephone: (916) 263-6026
E-mail: haroldc@chrb.ca.gov

If the person named above is not available, interested parties may contact:

Andrea Ogden, Policy, Regulations Manager
Telephone: (916) 263-6033

AVAILABILITY OF INITIAL STATEMENT OF REASONS AND TEXT OF PROPOSED REGULATION

The Board will have the entire rulemaking file available for inspection and copying throughout the rulemaking process at its offices at the above address. As of the date this notice is published in the Notice Register, the rulemaking file consists of this notice, the proposed text of the regulation, and the initial statement of reasons. Copies may be obtained by contacting Harold Coburn, or the alternative contact person at the address, phone number or e-mail address listed above.

AVAILABILITY OF MODIFIED TEXT

After holding a hearing and considering all timely and relevant comments received, the Board may adopt the proposed regulation substantially as described in this notice. If modifications are made which are sufficiently related to the originally proposed text, the modified text, with changes clearly marked, shall be made available to the public for at least 15 days prior to the date on which the Board adopts the regulations. Requests for copies of any modified regulation should be sent to the attention of Harold Coburn at the address stated above. The Board will accept written comments on the modified regulation for 15 days after the date on which it is made available.

AVAILABILITY OF STATEMENT OF REASONS:

Requests for copies of the final statement of reasons, which will be made available after the Board has adopted the proposed regulation in its current or modified form, should be sent to the attention of Harold Coburn at the address stated above.

BOARD WEB ACCESS

The Board will have the entire rulemaking file available for inspection throughout the rulemaking process at its website. The rulemaking file consists of the notice, the proposed text of the regulation and the initial statement of reasons. The Board's website address is: www.chrb.ca.gov.

INITIAL STATEMENT OF REASONS

RULE 1843.2. CLASSIFICATION OF DRUG SUBSTANCES

SPECIFIC PURPOSE OF THE REGULATION

The Board proposes to amend Rule 1843.2, Classification of Drug Substances. The proposed amendment will revise the form California Horse Racing Board (CHRB) Penalty Category Listing by Classification (Revised 02/13), which is incorporated by reference in Rule 1843.2. The revisions to the form will add cobalt as a Class 3 or Class 4 substance, depending on the level of the substance determined to be in the official test sample. Other revisions to the CHRB Penalty Category Listing by Classification will bring the form in line with the Association of Racing Commissioners International (ARCI) Uniform Classification Guidelines for Foreign Substances, and include spelling corrections, reclassification of drug substances, and the addition of drug substances.

PROBLEM

The Board proposes to amend Rule 1843.2 to add cobalt to the CHRB Penalty Categories Listing by Classification, which is incorporated by reference in Rule 1843.2. The proposed amendment will also update the CHRB Penalty Categories Listing by Classification to bring it in line with the ARCI Uniform Classification Guidelines for Foreign Substances. The revisions to the CHRB Penalty Categories Listing by Classification include spelling corrections, reclassification of drug substances, and the addition of drug substances. The CHRB Penalty Categories Listing by Classification lists medications and drug substances whose presence in an official test sample, or whose presence in excess of the authorized level, will result in a violation of the Board's rules. The form also lists drug classification and penalty class for each substance. When adjudicating a hearing for a violation of Business and Professions Code section 19581, the Board, the board of stewards, the hearing officer, or the administrative law judge must consider the classification of the substance as listed in the CHRB Penalty Categories Listing by Classification.

Cobalt is a naturally occurring trace element which may normally be present in horses at very low levels as a result of the ingestion of feedstuffs that contain it in trace amounts. Cobalt is also present in the structure of vitamin B12. Cobalt can be administered to horses as a powder, feed supplement or injection. Although naturally occurring in horses, excessive amounts of the substance in the system can lead to severe side effects, which include damaging the thyroid, cardiovascular system, nerve problems and blood thickening. High doses of cobalt containing products may be used to increase erythropoiesis, the process which produces red blood cells. When more red blood cells are generated there is a greater ability to carry oxygen through the body and allow peak performance levels to be maintained for longer periods of time. This may make cobalt attractive to some in the horseracing industry who would misuse it to gain an edge in competition.

Cobalt became a concern for United States racing officials in 2013 when its presence was detected in a large number of samples taken at a New Jersey racetrack. The substance has also been of concern to horseracing officials in Australia and other international horseracing

jurisdictions. In 2014 the CHRB announced it would commence monitoring cobalt levels in horses competing at California racetracks and in certain necropsy specimens. In the fall of 2014 the Board endorsed a proposal to amend its rules to regulate the use of cobalt.

NECESSITY

The proposed amendment to Rule 1843.2 would add cobalt to the CHRB Penalty Categories Listing by Classification as a Class 3 drug at a level of 50 nanograms per milliliter, or more, in blood. Class 3 drugs are substances that may or may not have generally accepted medical use in the racing horse, but the pharmacology of which suggests less potential to affect performance than drugs in Class 2. In addition, cobalt has been added to the CHRB Penalty Categories Listing by Classification as a Class 4 drug at a level of 25 nanograms per milliliter, or more, in blood. Class 4 drugs are substances that include therapeutic medications that would be expected to have less potential to affect performance than those in Class 3. The two tiered system for listing cobalt in the CHRB Penalty Categories Listing by Classification recognizes the scenario of a trainer negligently feeding a high cobalt containing mineral supplement and exceeding 25 parts per billion (ppb). Exceeding 50 ppb would require an intentional administration of cobalt. The CHRB has similar graduated penalty schemes for TCO2, flunixin, and phenylbutazone. The cobalt thresholds under Rule 1843.2 have been established in blood because a threshold in urine has not been established in the United States (US). Urine is problematic for establishing thresholds in the US because almost all US racehorses receive furosemide (Lasix), which impacts cobalt and other drug concentrations by diluting the urine. Blood thresholds are more reliable, and it is an easier matrix to sample and test for a substance like cobalt. It is necessary to add cobalt to the CHRB Penalty Categories Listing by Classification to provide guidance to the board of stewards, the hearing officer, or the administrative law judge when adjudicating a hearing for a violation of Business and Professions Code section 19581. The CHRB Penalty Categories Listing by Classification provides both the drug class and the penalty class for listed medications and drug substances. The penalty classifications are used under Board Rule 1843.3, Penalties for Medication Violations, to determine penalties for violations due to the presence of a drug substance in an official test sample. The addition of cobalt to the CHRB Penalty Categories Listing by Classification will also provide clarity for licensees. Interested parties will understand that cobalt's presence in an official test sample (at specified levels) will constitute a medication violation, and the penalty classifications for cobalt will provide the possible penalties.

Other modifications to the CHRB Penalty Categories Listing by Classification are necessary to bring the form in line with the ARCI Uniform Classification Guidelines for Foreign Substances. The modifications include: changing Ractopamine from Class 3/Penalty B to Class 2/Penalty A; Zilpaterol from Class 3/Penalty A to Class 2/Penalty A; Deracoxib (Deremaxx) to Class 3/Penalty B; and Ambroxol from Class 4/Penalty B to Class 4/Penalty C. Spelling corrections include: Dehydrochloromethyltestosterone; Amiodarone; and 2-Aminoheptane. Additions to the CHRB Penalty Categories Listing by Classification include: Benzonatate; Almotriptan; Acenocoumarol; Pergolide; and Methylhexaneamine (Geranamine). The changes to the CHRB Penalty Categories Listing by Classification will provide clarity and consistency for interested parties, as the form will align with the ARCI Uniform Classification Guidelines for Foreign Substances. The ARCI guidelines have been adopted by the majority of racing states, so

horsemen, especially those from out-of-state, will find the same prohibitions regarding medications and drug substances apply in California as in New York, Florida or Texas.

BENEFITS ANTICIPATED FROM THE REGULATORY ACTION

The proposed amendment to Rule 1843.2 will revise the CHRB Penalty Category Listing by Classification, which is incorporated by reference in Rule 1843.2. The revisions to the form will add cobalt as a Class 3 or Class 4 substance, depending on the level of the substance determined to be in the official test sample. Other revisions to the CHRB Penalty Category Listing by Classification will bring the form in line with the ARCI Uniform Classification Guidelines for Foreign Substances, and include spelling corrections, reclassification of drug substances, and the addition of drug substances.

Adding cobalt to the CHRB Penalty Category Listing by Classification will have the benefit of providing guidance to the board of stewards, the hearing officer, or the administrative law judge when adjudicating a hearing for a violation of Business and Professions Code section 19581. The CHRB Penalty Categories Listing by Classification provides both the drug class and the penalty class for listed medications and drug substances. The penalty classifications are used under Board Rule 1843.3, Penalties for Medication Violations, to determine penalties for violations due to the presence of a drug substance in an official test sample. The addition of cobalt to the CHRB Penalty Categories Listing by Classification will also increase openness and transparency in government and provide clarity for licensees. Interested parties will understand that cobalt's presence in an official test sample (at specified levels) will constitute a medication violation, and the penalty classifications for cobalt will provide the possible penalties. The addition of cobalt to the CHRB Penalty Categories Listing by Classification will promote fairness, as board of stewards, the hearing officer, or the administrative law judge will all work with the same range of penalties when adjudicating a hearing for a violation of Business and Professions Code section 19581. The proposed amendment to Rule 1843.2 will have the benefit of promoting worker safety. Jockeys and exercise riders will be less likely to work with horses whose soundness has been compromised by the administration of excessive amounts of cobalt.

The changes to the CHRB Penalty Categories Listing by Classification that include spelling corrections, reclassification of drug substances, and the addition of drug substances will have the benefit of providing clarity and consistency for interested parties, as the form will align with the ARCI Uniform Classification Guidelines for Foreign Substances. The ARCI guidelines have been adopted by the majority of racing states, so horsemen, especially those from out-of-state, will find the ARCI prohibitions regarding medications and drug substances also apply in California. The proposed amendment to Rule 1843.2 will not protect the environment, public health or prevent discrimination.

TECHNICAL, THEORETICAL, AND/OR EMPIRICAL STUDY, REPORTS OR DOCUMENTS

In proposing the amendment to Rule 1843.2 the Board relied on the documents:

- "Cobalt Situation Analysis" by Rick M. Arthur, DVM, CHRB Equine Medical Director.

- Racing Medication and Testing Consortium (RMTC) Position Statement on Cobalt.
- Controlling the Misuse of Cobalt in Horses by Emmie N. M. Ho, George H. M. Chan, Terence S. M. Wan, Peter Curl, Christopher M. Riggs, Michael J. Hurley and David Sykes.

ECONOMIC IMPACT ASSESSMENT/ANALYSIS

Impact on Jobs/New Businesses: The Board has determined that this regulatory proposal will not have a significant impact on the creation of new jobs or businesses, the elimination of jobs or existing businesses, or the expansion of businesses in California. The jurisdiction of Rule 1843.2 is limited to the inclosure of racing associations and racing fairs, and only has an effect on horseracing and no other California business.

RESULTS OF ECONOMIC IMPACT ASSESSMENT

The results of the Board's Economic Impact Assessment as required by Government Code section 11346.3(b) are as follows:

- The proposed regulation will not impact the creation or eliminate jobs within the State of California, or the creation of new businesses or the elimination of existing businesses or the expansion of businesses in California.
- The proposed amendment to Rule 1843.2 will not impact the creation of new businesses or eliminate existing businesses in California.
- Rule 1843.2 will not impact the expansion of businesses currently doing business in California.
- The proposed regulation will benefit the health and welfare of horses that are in California for pari-mutuel racing and will not benefit the state's environment.

The Board has made an initial determination that the proposed amendment to Rule 1843.2 will not have a significant statewide adverse economic impact directly affecting business including the ability of California business to compete with businesses in other states. The proposed amendment to Rule 1843.2 will revise the CHRB Penalty Category Listing by Classification, which is incorporated by reference in Rule 1843.2. The revisions to the form will add cobalt as a Class 3 or Class 4 substance, depending on the level of the substance determined to be in the official test sample. Other revisions to the CHRB Penalty Category Listing by Classification will bring the form in line with the ARCI Uniform Classification Guidelines for Foreign Substances, and include spelling corrections, reclassification of drug substances, and the addition of drug substances. These changes will bring California's CHRB Penalty Category Listing by Classification in line with the ARCI, a national horse racing organization, and with other racing states that have adopted the ARCI guidelines. California's adoption of the ARCI guidelines has helped promote uniformity in the various states' horse racing regulations as they relate to the classification foreign substances. Uniformity among the various states' regulations encourages out-of-state horsemen to compete in California, as they can be assured medication requirements will be consistent. Conversely, the proposed regulation will allow California horsemen to compete with confidence in other states.

PURPOSE:

The proposed amendment to Rule 1843.2 will revise the form California Horse Racing Board (CHRB) Penalty Category Listing by Classification (Revised 02/13), which is incorporated by reference in Rule 1843.2. The revisions to the form will add cobalt as a Class 3 or Class 4 substance, depending on the level of the substance determined to be in the official test sample. Other revisions to the CHRB Penalty Category Listing by Classification will bring the form in line with the ARCI Uniform Classification Guidelines for Foreign Substances, and include spelling corrections, reclassification of drug substances, and the addition of drug substances.

THE CREATION OR ELIMINATION OF JOBS WITHIN THE STATE OF CALIFORNIA

The proposed amendment to Rule 1843.2 will revise the CHRB Penalty Category Listing by Classification, which is incorporated by reference in Rule 1843.2. The revisions to the form will add cobalt as a Class 3 or Class 4 substance, depending on the level of the substance determined to be in the official test sample. Other revisions to the CHRB Penalty Category Listing by Classification will bring the form in line with the ARCI Uniform Classification Guidelines for Foreign Substances, and include spelling corrections, reclassification of drug substances, and the addition of drug substances.

The regulation will only affect boards of stewards, hearing officers, or administrative law judges when adjudicating a hearing for a violation of Business and Professions Code section 19581. The proposed amendment will also affect licensed trainers, owners and veterinarians by setting limits on the levels of cobalt that may be present in an official test sample. Therefore, the Board has determined that the proposed regulatory action will not have an impact on the creation or elimination of jobs in the State of California.

THE CREATION OF NEW BUSINESSES OR THE ELIMINATION OF EXISTING BUSINESSES WITHIN THE STATE OF CALIFORNIA

The proposed amendment to Rule 1843.2 will revise the CHRB Penalty Category Listing by Classification, which is incorporated by reference in Rule 1843.2. The revisions to the form will add cobalt as a Class 3 or Class 4 substance, depending on the level of the substance determined to be in the official test sample. Other revisions to the CHRB Penalty Category Listing by Classification will bring the form in line with the ARCI Uniform Classification Guidelines for Foreign Substances, and include spelling corrections, reclassification of drug substances, and the addition of drug substances.

The regulation will only affect boards of stewards, hearing officers, or administrative law judges when adjudicating a hearing for a violation of Business and Professions Code section 19581. The proposed amendment will also affect licensed trainers, owners and veterinarians by setting limits on the levels of cobalt that may be present in an official test sample. Therefore, the Board has determined that the proposed regulatory action will not have an impact on the creation or elimination of existing businesses in the State of California.

THE EXPANSION OF BUSINESSES CURRENTLY DOING BUSINESS WITHIN THE STATE OF CALIFORNIA.

The proposed amendment to Rule 1843.2 will revise the CHRB Penalty Category Listing by Classification, which is incorporated by reference in Rule 1843.2. The revisions to the form will add cobalt as a Class 3 or Class 4 substance, depending on the level of the substance determined to be in the official test sample. Other revisions to the CHRB Penalty Category Listing by Classification will bring the form in line with the ARCI Uniform Classification Guidelines for Foreign Substances, and include spelling corrections, reclassification of drug substances, and the addition of drug substances.

The regulation will only affect boards of stewards, hearing officers, or administrative law judges when adjudicating a hearing for a violation of Business and Professions Code section 19581. The proposed amendment will also affect licensed trainers, owners and veterinarians by setting limits on the levels of cobalt that may be present in an official test sample. Therefore, the Board has determined that the proposed regulatory action is not relevant to the expansion of businesses in California. The proposed amendment to Rule 1843.2 will not have an impact on the expansion of existing businesses, as the proposed amendment will only affect those adjudicating a hearing for a violation of Business and Professions Code section 19581, and licensed trainers, owners and veterinarians by setting limits on the levels of cobalt that may be present in an official test sample. Therefore, the Board has determined that the proposed regulatory action is not relevant to the expansion of businesses currently doing business within the State of California.

BENEFITS OF THE REGULATIONS TO THE HEALTH AND WELFARE OF CALIFORNIA RESIDENTS, WORKER SAFETY, AND THE STATE'S ENVIRONMENT

The anticipated benefit of the proposed amendment to Rule 1843.2 is the promotion of worker safety. Jockeys and exercise riders will be less likely to work with horses whose soundness has been compromised by the administration of excessive amounts of cobalt. The proposed amendment will not affect the health and welfare of California residents or the state's environment.

ALTERNATIVE TO THE PROPOSED REGULATORY ACTION THAT WOULD LESSEN ANY ADVERSE IMPACT ON AFFECTED PRIVATE PERSONS OR BUSINESSES.

The Board has determined that no reasonable alternative it considered or that has otherwise been identified and brought to its attention would be more effective in carrying out the purpose for which the action is proposed or would be as effective and less burdensome to affected private persons than the proposed action, or would be more cost-effective to affected private persons and equally effective in implementing the statutory policy or other provision of law.

REASONABLE ALTERNATIVES TO THE PROPOSED REGULATORY ACTION.

The proposed amendment to Rule 1843.2 was discussed at the April 16, 2015 Regular Board Meeting. No alternatives to the recommendation were proposed by the Board or by any other

individual or entity at either meeting. No subsequent alternative recommendations were made prior to the notice. The Board invites any interested party to submit comments which offer any alternative proposal.

California Horse Racing Board
June 26, 2015

CALIFORNIA HORSE RACING BOARD
TITLE 4. CALIFORNIA CODE OF REGULATIONS
ARTICLE 15. VETERINARY PRACTICES
PROPOSED AMENDMENT OF
RULE 1843.2. CLASSIFICATION OF DRUG SUBSTANCES.

1843.2. Classification of Drug Substances.

The Board, the board of stewards, the hearing officer, or the administrative law judge, when adjudicating a hearing for a violation of Business and Professions Code section 19581, shall consider the classification of the substance as referenced in the California Horse Racing Board (CHRB) Penalty Categories Listing by Classification (Revised ~~02/13~~04/15), hereby incorporated by reference, which is based on the Association of Racing Commissioners International (ARCI) Uniform Classification Guidelines for Foreign Substances (~~12/11~~12/14), as modified by the Board.

Authority: Sections 19580, 19581 and 19582, Business and Professions Code.

Reference: Sections 19580, 19581 and 19582, Business and Professions Code.

California Horse Racing Board (CHRB)
Penalty Categories
Listing by Classification

Class 1: Stimulant and depressant drugs that have the highest potential to affect performance and that have no generally accepted medical use in the racing horse. Many of these agents are Drug Enforcement Agency (DEA) schedule II substances. These include the following drugs and their metabolites: Opiates, opium derivatives, synthetic opioids and psychoactive drugs, amphetamines and amphetamine-like drugs as well as related drugs, including but not limited to apmorphine, nikethamide, mazindol, pemoline, and pentylenetetrazol.

Drug	Trade Name	Drug Class	Penalty Class
3, 4-methylenedioxypyprovalerone	MCVP, “BATH Salts”	1	A
Alfentanil	Alfenta	1	A
Amphetamine		1	A
Anileridine	Leritine	1	A
Apomorphine		1	A
Benzylpiperazine (BZP)		1	A
Carfentanil		1	A
Cathinone	Khat	1	A
α-Cobratoxin	Cobra Venom	1	A
Cocaine		1	B
Codeine		1	A
Darbepoetin	Aranesp	1	A
Darb-erythropoetin		1	A
Dermorphin	Frog Venom	1	A
Drug Enforcement Administration (DEA) Class 1 (all)		1	A
Dextromoramide	Palfium, Narcolo	1	A

Diamorphine		1	A
Donepezil	Aricept	1	A
Endorphins		1	A
Enkephalins		1	A
Erythropoietin (EPO)	Procrit, Epogen	1	A
Ethylmorphine	Dionin	1	A
Etorphine HCl	M99	1	A
Fentanyl	Sublimaze	1	A
Heroin		1	A
Hydrocodone (dihydrocodeinone)		1	A
Hydromorphone	Dilaudid	1	A

Listing by Classification

Class 1: Stimulant and depressant drugs that have the highest potential to affect performance and that have no generally accepted medical use in the racing horse. Many of these agents are Drug Enforcement Agency (DEA) schedule II substances. These include the following drugs and their metabolites: Opiates, opium derivatives, synthetic opioids and psychoactive drugs, amphetamines and amphetamine-like drugs as well as related drugs, including but not limited to apmorphine, nikethamide, mazindol, pemoline, and pentylenetetrazol.

Drug	Trade Name	Drug Class	Penalty Class
Hydroxyamphetamine	Paradrine	1	A
ITPP (myo-inositol trispyrophosphate)		1	A
Levorphanol	Levo-Dremoran	1	A
Lofentanil		1	A
Mazindol	Sanorex	1	A
Meperidine	Demerol	1	A
Mephentermine		1	A
Metaraminol	Aramine	1	A
Methadone	Dolophine	1	A
Methamphetamine	Desoxyn	1	A
Methaqualone	Quaalude	1	A
Methcathinone		1	A
Methylhexaneamaine	Geranamine	1	A
Methylphenidate	Ritalin	1	A
Metopon (methyldihydromorphinone)		1	A
Morphine		1	B
Nikethamide	Coramine	1	A
Oxycodone	Percodan	1	A
Oxymorphone	Numorphan	1	A

Pemoline	Cylert	1	A
Pentylenetetrazol	Metrazol, Nioric	1	A
Phenazocine	Narphen	1	A
Phencyclidine (PCP)	Sernylan	1	A
Phendimetrazine	Bontril, etc.	1	A
Phenmetrazine	Preludin	1	A
Picrotoxin		1	A
Piritramide		1	A
Recombinant Growth Hormones		1	A

Listing by Classification

Class 1: Stimulant and depressant drugs that have the highest potential to affect performance and that have no generally accepted medical use in the racing horse. Many of these agents are Drug Enforcement Agency (DEA) schedule II substances. These include the following drugs and their metabolites: Opiates, opium derivatives, synthetic opioids and psychoactive drugs, amphetamines and amphetamine-like drugs as well as related drugs, including but not limited to apmorphine, nikethamide, mazindol, pemoline, and pentylenetetrazol.

Drug	Trade Name	Drug Class	Penalty Class
Remifentanil	Ultiva	1	A
Recombinant Erythropoiesis Stimulating Agents		1	A
Snake Venoms		1	A
Strychnine		1	B
Somatrem	Protropin	1	A
Somatropin	Nutropin	1	A
Sufentanil	Sufenta	1	A
Synthetic cannabis	Spice, K2, Kronic	1	A
Venoms Not Otherwise		1	A
Ziconotide	Cone Snail Venom	1	A

Listing by Classification

Class 2: Drugs that have a high potential to affect performance, but less of a potential than Class 1. These drugs are 1) not generally accepted as therapeutic agents in racing horses, or 2) they are therapeutic agents that have a high potential for abuse.

Drug	Trade Name	Drug Class	Penalty Class
Acecarbromal		2	A
Acetophenazine	Tindal	2	A
Adinazolam		2	A
Alclofenac		2	B
Alcuronium	Alloferin	2	A
Alphaprodine	Nisentil	2	A
Alpidem	Anaxyl	2	A
Alprazolam	Xanax	2	A
Althesin	Saffan	2	A
Amisulpride	Solian	2	A
Amitriptyline	Elavil, Amitril, Endep	2	A
Amobarbital	Amytal	2	A
Amoxapine	Asendin	2	A
Amperozide		2	A
Anilopam	Anisine	2	A
Aprobarbital	Alurate	2	A
Articaine	Septocaine, Ultracaine, etc.	2	A
Atomoxetine	Strattera	2	A
Atracurium	Tracruim	2	A
Azacyclonol	Frenque	2	A
Azaperone	Stresnil, Suicalm, Fentaz	2	A

	(with Fentanyl)		
Barbital	Veronal	2	A
Barbiturates	Benzo, BZD	2	A
Bemegride	Megimide, Mikedimide	2	A
Benoxaprofen		2	B
Benperidol		2	A
Bentazepam	Tiadipona	2	A
Benzactizine	Deprol, Bronchodiletten	2	A
Benzoctamine		2	A
Benzonatate		2	A
Benzphetamine	Didrex	2	A
Benztropine	Cogentin	2	A
Biriperone		2	A
Brimonidine	Alphagan	2	A
Bromazepam	Lexotan, Lectopam	2	A
Bromisovalum	Diffucord, etc.	2	A

Listing by Classification

Class 2: Drugs that have a high potential to affect performance, but less of a potential than Class 1. These drugs are 1) not generally accepted as therapeutic agents in racing horses, or 2) they are therapeutic agents that have a high potential for abuse.

Drug	Trade Name	Drug Class	Penalty Class
Bromocriptine	Parlodel	2	A
Bromperidol	Bromidol	2	A
Brotizolam	Brotocol	2	A
Bupivacaine	Marcaine	2	A
Buprenorphine	Temgesic	2	A
Buspirone	Buspar	2	A
Buspropion	Wellbutrin	2	A
Butabarbital (Secbutobarbitone)	Butacaps, Butasol, etc.	2	A
Butalbital (Talbutal)	Fiorinal	2	A
Butanilicaine	Hostacain	2	A
Butaperazine	Repoise	2	A
Butoctamide	Listomin	2	A
Caffeine		2	B
Camazepam	Paxor	2	A
Captodiame	Covatine	2	A
Carbidopa + levodopa	Sinemet	2	A
Carbromol	Mifudorm	2	A
Carisoprodol	Soma, Rela	2	B
Carphenazine	Proketazine	2	A
Carpipramine	Prazinil	2	A
Carticaine	Ultracain	2	A
Chloralose (Alpha-Chloralose)		2	A

Chloral betaine	Beta-Chlor	2	A
Chloral hydrate	Nactec, Oridrate, etc.	2	A
Chloraldehyde (chloral)		2	A
Chlordiazepoxide	Librium	2	A
Chlormezanone	Trancopal	2	A
Chloroform		2	A
Chlorhexidol		2	A
Chloroprocaine	Nesacaine	2	A
Chlorproethazine	Newiplege	2	A
Chlorpromazine	Thorazine, Largactil	2	A
Chlorprothixene	Taractan	2	A
Citalopram	Celex	2	A
Clobazam	Urbanyl	2	A
Clocapramine		2	A

Listing by Classification

Class 2: Drugs that have a high potential to affect performance, but less of a potential than Class 1. These drugs are 1) not generally accepted as therapeutic agents in racing horses, or 2) they are therapeutic agents that have a high potential for abuse.

Drug	Trade Name	DrugClass	Penalty Class
Clomethiazole		2	A
Clomipramine	Anafranil	2	A
Clonazepam	Klonopin	2	A
Clorazepate	Tranxene	2	A
Clothiapine	Entermin	2	A
Clotiazepam	Trecalmo, Rize	2	A
Cloxazolam	Enadel, Sepazon, Tolestan	2	A
Clozapine	Clozaril, Leponex	2	A
Codeine		2	B
Conorphone		2	A
Corticaine	Ultracain	2	A
Crotetamide		2	A
Cyamemazine	Tercian	2	A
Cyclobarbital	Phanodorm	2	A
Decamethonium	Syncurine	2	A
Demoxepam		2	A
Desipramine	Norpromine, Pertofrane	2	A
Dezocine	Dalgan®	2	A
Diazepam	Valium	2	B
Dichloralphenazone	Febenol, Isocom	2	A
Diethylpropion	Tepanil, etc.	2	A

Diethylthiambutene	Themalon	2	A
Dihydrocodeine	Parcodin	2	A
Dilorazepam	Briantum	2	A
Diprenorphine	M50/50	2	A
Dixyrazine	Esucos	2	A
Dopamine	Intropin	2	A
Doxacurium	Nuromax	2	A
Doxapram	Dopram	2	A
Doxefazepam	Doxans	2	A
Doxepin	Adapin, Sinequan	2	A
Droperidol	Inapsine, Droleptan, Innovar-Vet (with Fentanyl)	2	A
Duloxetine	Cymbalta, Ariclaim	2	A
Enciprazine		2	A
Ephedrine		2	A

Listing by Classification

Class 2: Drugs that have a high potential to affect performance, but less of a potential than Class 1. These drugs are 1) not generally accepted as therapeutic agents in racing horses, or 2) they are therapeutic agents that have a high potential for abuse.

Drug	Trade Name	DrugClass	Penalty Class
Epibatidine		2	A
Epinephrine		2	A
Ergoloid Mesylates (dihydroergocornine mesylate, dihydroergocristine mesylate and dihydroergocryptine mesylate)	Hydergine	2	A
Estazolam	Domnamid, Eurodin, Nuctalon	2	A
Ethamivan		2	A
Ethanol		2	A
Ethchlorvynol	Placidyl	2	A
Ethinamate	Valmid	2	A
Ethopropazine	Parsidol	2	A
Ethylisobutrazine	Diquel	2	A
Etidocaine	Duranest	2	A
Etifoxin	Stresam	2	A
Etizolam	Depas, Pasaden	2	A
Etodroxizine	Indunox	2	A
Etomidate		2	A
Fenarbamate	Tymium	2	A
Fenclozic acid	Myalex	2	B
Fenfluramine	Pondimin	2	A
Fluanisone	Sedalande	2	A

Fludiazepam	Erispam	2	A
Flunitrazepam	Rohypnol, Narcozep, Darkene, Hypnodorm	2	A
Fluopromazine	Psyquil, Siquil		
Fluoresone	Caducid	2	A
Fluoxetine	Prozac	2	A
Flupenthixol	Depixol, Fluanxol	2	A
Fluphenazine	Prolixin, Permitil, Anatensol	2	A
Flurazepam	Dalmane	2	B
Fluspirilene	Imap, Redeptin	2	A
Flutoprazepam	Restas	2	A
Fluvoxamine	Dumirox, Faverin, etc.	2	A
Galantamine	Reminyl	2	A
Gallamine	Flaxedil	2	A
Gepirone		2	A

Listing by Classification

Class 2: Drugs that have a high potential to affect performance, but less of a potential than Class 1. These drugs are 1) not generally accepted as therapeutic agents in racing horses, or 2) they are therapeutic agents that have a high potential for abuse.

Drug	Trade Name	DrugClass	Penalty Class
Glutethimide	Doriden	2	A
Halazepam	Paxipam	2	A
Haloperidol	Haldol	2	A
Haloxazolam	Somelin	2	A
Hemoglobin glutamers	Oxyglobin, Hemopure	2	A
Hexafluorenium	Myalexen	2	A
Hexobarbital	Evipal	2	A
Homophenazine	Pelvichthol	2	A
Hydrocodone (dihydrocodeinone)	Hycodan	2	A
Hydroxyzine	Atarax	2	B
Ibomal	Noctal	2	A
Imipramine	Imavate, Presamine, Tofranil	2	A
Isapirone		2	A
Isocarboxazid	Marplan	2	A
Isomethadone		2	A
Isoproterenol	Isoprel	2	A
Isoxicam	Maxicam	2	B
Ketamine	Ketalar, Ketaset, Vetalar	2	B
Ketazolam	Anxon, Laftram, Solatran, Loftran	2	A

Lenperone	Elanone-V	2	A
Levamisole	Ergamisol	2	B
Levomethorphan		2	A
Lidocaine	Xylocaine	2	B
Lithium	Lithizine, Duralith, etc.	2	A
Lobeline		2	A
Loflazepate, Ethyl	Victan	2	A
Loperamide	Imodium	2	B
Loprazolam	Dormonort, Havlane	2	A
Lorazepam	Ativan	2	A
Lormetazepam	Noctamid	2	A
Loxapine	Laxitane	2	A
Maprotiline	Ludiomil	2	A
Mebutamate	Axiten, Dormate, Capla	2	A
Meclofenoxate	Lucidiril, etc.	2	A
Medazepam	Nobrium, etc.	2	A

Listing by Classification

Class 2: Drugs that have a high potential to affect performance, but less of a potential than Class 1. These drugs are 1) not generally accepted as therapeutic agents in racing horses, or 2) they are therapeutic agents that have a high potential for abuse.

Drug	Trade Name	DrugClass	Penalty Class
Melperone	Eunerpan	2	A
Memantine	Akatinol, Namenda, Ebixa	2	A
Meparfynol	Oblivon	2	A
Mepazine	Pacatal	2	A
Mephenoxalone	Control, etc.	2	A
Mephenytoin	Mesantoin	2	A
Mephobarbital (Methylphenobarbital)	Mebaral	2	A
Mepivacaine	Carbocaine	2	B
Meprobamate	Equanil, Miltown	2	B
Mesoridazine	Serentil	2	A
Metaclazepam	Talis	2	A
Metazocine		2	A
Metharbital	Gemonil	2	A
Methohexital	Brevital	2	A
Methotrimeprazine	Levoprome, Neurocil, etc.	2	A
Methyprylon	Noludar	2	A
Metocurine	Metubine	2	A
Metomidate	Hypnodil	2	A
Mexazolam	Melex	2	A
Midazolam	Versed	2	A
Mirtazepine	Remeron	2	A

Modafinil	Provigil	2	A
Molindone	Moban	2	A
Moperone	Luvatren	2	A
Mosaprimine		2	A
Nalbuphine	Nubain	2	A
Nalorphine	Nalline, Lethidrone	2	A
Nefazodone	Serzone	2	A
Nimetazepam	Erimin	2	A
Nitrazepam	Mogadon	2	A
Nordiazepam	Calmday, Nordaz, etc.	2	A
Norepinephrine		2	A
Nortriptyline	Aventyl, Pamelor	2	A
Olanzepine	Zyprexa	2	A
Oxazepam	Serax	2	A

Listing by Classification

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Drug	Trade Name	DrugClass	Penalty Class
Oxazolam	Serenal	2	A
Oxilofrine (hydroxyephedrine)		2	A
Oxyperitine	Forit, Integrin	2	A
Paliperidone	Invega	2	A
Pancuronium	Pavulon	2	A
Paraldehyde	Paral	2	A
Paroxetine	Paxil, Seroxat	2	A
Penfluridol	Cyperon	2	A
Pentobarbital	Nembutal	2	A
Perazine	Taxilan	2	A
Perfluorodecalin		2	A
Perfluoro decahydronaphthalen		2	A
Perfluorooctylbromide		2	A
Perfluorotripropylamine		2	A
Perfluorocarbons		2	A
Periciazine	Alodept, etc.	2	A
Perlapine	Hypnodin	2	A
Perphenazine	Trilafon	2	A
Phenaglycodol	Acalo, Alcamid, etc.	2	A
Phenelzine	Nardelzine, Nardil	2	A
Phenobarbital	Luminal	2	A
Phentermine	Iomamin	2	A

Piminodine	Alvodine, Cimadon	2	A
Pimozide	Orap	2	A
Pinazepam	Domar	2	A
Pipamperone	Dipiperon	2	A
Pipecuronium	Arduan	2	A
Pipequaline		2	A
Piperacetazine	Psymod, Quide	2	A
Piperocaine	Metycaine	2	A
Pipotiazine	Lonseren, Piportil	2	A
Pipradrol	Dataril, Gerondyl, etc.	2	A
Piquindone		2	A
Prazepam	Verstran, Centrax	2	A
Prilocaine	Citanest	2	A

Listing by Classification

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Drug	Trade Name	DrugClass	Penalty Class
Prochlorperazine	Darbazine, Compazine	2	A
Propanidid		2	A
Propiomazine	Largon	2	A
Propionylpromazine	Tranvet	2	B
Propiram		2	A
Propofol	Diprivan, Disoprivan	2	A
Propoxycaine	Ravocaine	2	A
Prothipendyl	Dominal	2	A
Protriptyline	Concordin, Triptil	2	A
Proxibarbital	Axeen, Centralgol	2	A
Pyrithyldione	Hybersulfan, Sonodor	2	A
Quazipam	Doral	2	A
Quetiapine	Seroquel	2	A
Racemethorphan		2	A
Racemorphan		2	A
Raclopride		2	A
Ractopamine	Raylean	2	A
Remoxipride	Roxiam	2	A
Reserpine	Serpasil	2	B
Rilmazafone		2	A
Risperidone		2	A
Ritanserin		2	A

Rivastigmine	Exelon	2	A
Rocuronium	Zemuron	2	A
Rofecoxib	Vioxx	2	B
Romifidine	Sedivet	2	B
Ropivacaine	Naropin	2	A
Secobarbital (Quinalbarbitone)	Seconal	2	A
Selegiline	Eldepryl, Jumex	2	A
Sertraline	Lustral, Zoloft	2	A
Spiclomazine		2	A
Spiperone		2	A
Succinylcholine	Sucostrin, Quelin, etc.	2	A

Listing by Classification

Class 2: Drugs that have a high potential to affect performance, but less of a potential than Class 1. These drugs are 1) not generally accepted as therapeutic agents in racing horses, or 2) they are therapeutic agents that have a high potential for abuse.

Drug	Trade Name	DrugClass	Penalty Class
Sulfondiethylmethane		2	A
Sulfonmethane		2	A
Sulforidazine	Inofal	2	A
Sulpiride	Aiglonyl, Sulpitil	2	A
Sultopride	Barnetil	2	A
Talbutal	Lotusate	2	A
Tandospirone		2	A
Temazepam	Restoril	2	A
Tetrabenazine	Nitoman	2	A
Tetracaine	Pontocaine	2	B
Tetrazepam	Musaril, Myolastin	2	A
Thebaine		2	A
Thialbarbital	Kemithal	2	A
Thiamylal	Surital	2	A
Thiethylperazine	Torecan	2	A
Thiopental	Pentothal	2	A
Thiopropazate	Dartal	2	A
Thioproperazine	Majeptil	2	A
Thioridazine	Mellaril	2	A
Thiothixene	Navane	2	A
Tiapride	Italprid, Luxoben, etc.	2	A
Tiletamine	Component of Telazol	2	A

Timiperone	Tolopelon	2	A
Tofisopam	Grandaxain, Seriel	2	A
Topirimate	Topamax	2	A
Tramadol	Ultram	2	A
Tranylcypromine	Parnate	2	A
Trazodone	Desyrel	2	A
Tretoquinol	Inolin	2	A
Triazolam	Halcion	2	A
Tribromethanol		2	A
Tricaine methanesulfonate	Finquel	2	A
Trichloroethanol		2	A
Tricholoethylene	Trilene, Trimar	2	A
Triclofos	Triclos	2	A

Listing by Classification

Class 2: Drugs that have a high potential to affect performance, but less of a potential than Class 1. These drugs are 1) not generally accepted as therapeutic agents in racing horses, or 2) they are therapeutic agents that have a high potential for abuse.

Drug	Trade Name	DrugClass	Penalty Class
Trifluomeprazine	Nortran	2	A
Trifluoperazine	Stelazine	2	A
Trifluperidol	Triperidol	2	A
Triflupromazine	Vetame, Vesprin	2	A
Trimipramine	Surmontil	2	A
Tubocurarine (Curare)	Metubin	2	A
Tybamate	Benvil, Nospan, etc.	2	A
Urethane		2	A
Valdecoxib		2	B
Valnoctamide	Nirvanyl	2	A
Venlafaxine	Efflexor	2	A
Veralipride	Accional, Veralipril	2	A
Vercuronium	Norcuron	2	A
Viloxazine	Catatrol, Vivalan, etc.	2	A
Vinbarbital	Delvinol	2	A
Vinylbital	Optanox, Speda	2	A
Yohimbine		2	A
Zaleplon	Sonata	2	A
Zilpaterol	Zilmax	2	A
Zolazepam		2	A
Zolpidem	Ambien, Stilnox	2	A
Zomepirac	Zomax	2	B

Zopiclone	Imovan	2	A
Zotepine	Lodopin	2	A
Zuclopenthixol	Ciatyl, Cesordinol	2	A

Listing by Classification

Class 3: Drugs that may or may not have generally accepted medical use in the racing horse, but the pharmacology of which suggests less potential to affect performance than drugs in Class 2.

Drug	Trade Name	DrugClass	Penalty Class
19-Norandrostenediol		3	B
19-Norandrostenedione		3	B
4-Hydroxytestosterone		3	B
Acebutolol	Sectral	3	B
Acepromazine	Atrovet, Notensil, PromAce®	3	B
Albuterol (Salbutamol)	Proventil, Ventolin	3	B
Almotriptan	Axert	3	A
Alprenolol		3	A
Ambenonium	Mytelase, Myeuran	3	B
Aminophylline	Aminophyllin, etc.	3	B
Amitraz	Mitaban	3	A
Amlodipine	Norvasc	3	A
Amyl nitrite		3	A
Arecoline		3	A
Arformeterol	Brovana	3	A
Atenolol	Tenormin	3	B
Atropine		3	B
Benazepril	Lotensin	3	A
Betaxolol	Kerlone	3	B
Bethanidine	Esbatal	3	A
Biperiden	Akineton	3	A
Bisoprolol	Zebeta, Bisobloc, etc.	3	B

Bitolterol	Effectin	3	B
Bolasterone		3	B
Boldenone	Equipoise	3	B
Boldione		3	B
Bretylium	Bretylol	3	B
Brimonidine	Alphagan	3	B
Bromfenac	Duract	3	A
Bromodiphenhydramine		3	B
Bufexamac		3	B
Bumetanide	Bumex	3	B
Butorphanol	Stadol, Torbugesic	3	B
N-Butylscopolamine	Bucospan	3	B
Candesartan	Atacand	3	B
Captopril	Capolen	3	B
Carazolol	Carbacel, Conducton	3	A

Listing by Classification

Class 3: Drugs that may or may not have generally accepted medical use in the racing horse, but the pharmacology of which suggests less potential to affect performance than drugs in Class 2.

Drug	Trade Name	DrugClass	Penalty Class
Carbachol	Lentin, Doryl	3	B
Carbamezapine	Tegretol	3	B
Carbinoxamine	Clistin	3	B
Carteolol	Cartrol	3	B
Carvedilol	Coreg	3	B
Celecoxib	Celebrex	3	B
Cimeterol		3	A
Clausterone	Methosorb	3	B
Clemastine	Tavist	3	B
Clenbuterol	Ventipulmin	3	B
Clidinium	Quarezan, Clindex	3	B
Clonidine	Catapres	3	B
Clostebol		3	B
Cobalt (>50ng/ml in blood)		3	B
Cyclandelate	Cyclospasmol	3	A
Cycrimine	Pagitane	3	B
Danazol	Danocrine	3	B
~~Dehydrochloromethyl- testosterone~~ Dehydrochloromethytestosterone		3	B
Deracoxib[2]	Deremaxx	3	~~C~~B
Desoxymethyl-testosterone		3	B
Detomidine	Dormosedan	3	B
Dextropropoxyphene	Darvon	3	B

Diazoxide	Proglycem	3	B
Diflunisal		3	C
Dimefline		3	A
Diphenhydramine	Benadryl	3	B
Dipyridamole	Persantine	3	B
Divalproex	Depakote	3	A
Dobutamine	Dobutrex	3	B
Doxazosin	Cardura	3	A
Doxylamine	Decapryn	3	B
Dromostanolone	Drolban	3	B
Dyphylline		3	B
Edrophonium	Tensilon	3	B
Eletriptan	Relpax	3	A
Enalapril (metabolite enaloprilat)	Vasotec	3	B
Ergoloid mesylates		3	C

Listing by Classification

Class 3: Drugs that may or may not have generally accepted medical use in the racing horse, but the pharmacology of which suggests less potential to affect performance than drugs in Class 2.

Drug	Trade Name	DrugClass	Penalty Class
Erthrityl tetranitrate	Cardilate	3	A
Esmolol	Brevibloc	3	B
Etamiphylline	Millophylline V	3	B
Ethacrynic acid	Edecrin	3	B
Ethosuximide	Zarontin	3	A
Ethylestrenol	Maxibolin, Organon	3	B
Ethylnorepinephrine	Bronkephrine	3	A
Etodolac	Lodine	3	C
Felbamate	Felbatol	3	A
Fenbufen	Gincopal	3	B
Fenoldopam	Corlopam	3	B
Fenoprofen	Nalfon	3	B
Fenoterol	Berotec	3	B
Fenspiride	Respiride, Respan, etc	3	B
Fentiazac		3	B
Flufenamic acid		3	B
Fluoxymesterone	Halotestin	3	B
Flupirtine	Katadolone	3	A
Flurbiprofen	Froben	3	B
Formebolone		3	B
Formoterol	Altram	3	B
Fosinopril	Monopril	3	A

Fosphenytoin	Cerebyx	3	B
Furazabol		3	B
Gabapentin	Neurontin	3	B
Gestrinone		3	B
Glycopyrrolate	Robinul	3	B
Guanadrel	Hylorel	3	A
Guanethidine	Ismelin	3	A
Guanabenz	Wytensin	3	B
Heptaminol	Corofundol	3	B
Homatropine	Homapin	3	B
Hydralazine	Apresoline	3	B
Indomethacin	Indocin	3	B
Ipratropium		3	B

Listing by Classification

Class 3: Drugs that may or may not have generally accepted medical use in the racing horse, but the pharmacology of which suggests less potential to affect performance than drugs in Class 2.

Drug	Trade Name	DrugClass	Penalty Class
Irbesarten	Avapro	3	A
Ibutilide	Corvert	3	B
Iloprost	Ventavis	3	A
Isoetharine	Bronkosol	3	B
Isosorbide dinitrate	Isordil	3	B
Kebuzone		3	B
Ketorolac	Toradol	3	B
Labetalol	Normodyne	3	B
Lamotrigine	Lamictal	3	A
Levobunolol	Betagan	3	B
Lisinopril	Prinivil, Zestril	3	A
Losartan	Hyzaar	3	B
Mabuterol		3	A
Mecamylamine	Inversine	3	B
Medetomidine	Domitor	3	B
Mefenamic acid	Ponstel	3	B
Mestanolone		3	B
Mesterolone		3	B
Metaproterenol	Alupent, Metaprel	3	B
Metenolone		3	B
Methachloline		3	A
Methandienone		3	B

Methandriol	Probolic	3	B
Methandrostenolone	Dianabol	3	A
Methantheline	Banthine	3	B
Methasterone		3	B
Methixene	Trest	3	A
Methoxamine	Vasoxyl	3	A
Methoxyphenamine	Orthoxide	3	A
Methsuximide	Celontin	3	A
Methyl-1-testosterone		3	B
Methylatropine		3	B
Methyldienolone		3	B
Methyldopa	Aldomet	3	A
Methylnortestosterone		3	B
Methyltestosterone	Metandren	3	B
Metolazone		3	B

Listing by Classification

Class 3: Drugs that may or may not have generally accepted medical use in the racing horse, but the pharmacology of which suggests less potential to affect performance than drugs in Class 2.

Drug	Trade Name	DrugClass	Penalty Class
Metoprolol	Lopressor	3	B
Mibefradil	Posicor	3	B
Mibolerone		3	B
Midodrine	Pro-Amiline	3	B
Minoxidil	Loniten	3	B
Moexipril (metabolite moexiprilat)	Uniretic	3	B
Muscarine		3	A
Nabumetone	Anthraxan, Relafen, Relifex	3	B
Nadol	Corgard	3	B
Naloxone	Narcan	3	A
Naltrexone	Revia	3	A
Naratriptan	Amerge	3	B
Nandrolone	Nandrolin, Laurabolin, Durabolin	3	B
Nebivolol		3	A
Nefopam		3	A
Neostigmine	Prostigmine	3	B
Niflumic acid	Nifluril	3	B
Nimesulide		3	B
Nitroglycerin		3	B
Norbolethone		3	B

Norclostebol		3	B
Norethandrolone		3	B
Nylidrin	Arlidin	3	A
Olmesartan	Benicar	3	A
Oxabolone		3	B
Oxandrolone	Anavar	3	B
Oxprenolol	Trasicor	3	B
Oxymesterone		3	B
Oxymetholone	Adroyd, Andarol	3	B
Papaverine	Pavagen, etc.	3	A
Paramethadione	Paradione	3	A
Pargyline	Eutonyl	3	A
Penbutolol	Levatol	3	B
Pentaerythritol tetranitrate	Duotrate	3	A
Pentazocine	Talwin	3	B
Pergolide		3	B
Perindopril	Biprel	3	A

Listing by Classification

Class 3: Drugs that may or may not have generally accepted medical use in the racing horse, but the pharmacology of which suggests less potential to affect performance than drugs in Class 2.

Drug	Trade Name	DrugClass	Penalty Class
Phenoxybenzamine	Dibenzyline	3	B
Phentolamine	Regitine	3	B
Phenylephrine	Isophrin, Neo-Synephrine	3	B
Phenylpropanolamine	Propadrine	3	B
Physostigmine	Eserine	3	A
Pindolol	Viskin	3	B
Pirbuterol	Maxair	3	B
Piretanide	Arelix, Tauliz	3	B
Piroxicam	Feldene	3	B
Prazosin	Minipress	3	B
Primidone	Mysoline	3	B
Procaine		3	B
Procaterol	Pro Air	3	A
Procyclidine	Kemadrin	3	B
Promazine	Sparine	3	B
Promethazine	Phenergan	3	B
Propantheline	Pro-Banthine	3	A
Propentophylline	Karsivan	3	B
Propranolol	Inderal	3	B
Prostanazol		3	B
Protokylol	Ventaire	3	A
Pseudoephedrine	Cenafed, Novafed	3	B

Pyridostigmine	Mestinon, Regonol	3	B
Pyrilamine	Neoantergan, Equihist	3	B
Quinapril	Accupril	3	A
Quinbolone		3	B
~~Ractopamine~~	~~Raylean~~	~~3~~	~~B~~
Ramipril	Altace	3	A
Ritodrine	Yutopar	3	B
Rizatriptan	Maxalt	3	B
Salmeterol		3	B
Scopolamine (Hyoscine)	Triptone	3	B
Sibutramine	Meridia	3	B
Sildenafil	Viagra	3	A
Sotalol	Betapace, Sotacor	3	B
Spirapril, Spiraprilat	Renormax	3	A

Listing by Classification

Class 3: Drugs that may or may not have generally accepted medical use in the racing horse, but the pharmacology of which suggests less potential to affect performance than drugs in Class 2.

Drug	Trade Name	DrugClass	Penalty Class
Stanazolol	Winstrol-V	3	B
Stenbolone		3	B
Sulindac	Clinoril	3	B
Sumatriptan	Imitrex	3	B
Tadalasil	Cialis	3	A
Telmisartin	Micardis	3	B
Tenoxicam	Alganex, etc.	3	B
Tepoxalin		3	C
Terazosin	Hytrin	3	A
Terbutaline	Brethine, Bricanyl	3	B
Testolactone	Teslac	3	B
Testosterone		3	B
Tetrahydrogestrinone		3	B
Theophylline	Aqualphyllin, etc.	3	B
Tiaprofenic acid	Surgam	3	B
Timolol	Blocardrin	3	B
Tolazoline	Priscoline	3	B
Tolmetin	Tolectin	3	B
Torsemide (Torasemide)	Demadex	3	B
Trandolapril (and metabolite, Trandolaprilat)	Tarka	3	B
Trenbolone	Finoplix	3	B
Trihexylphenidyl	Artane	3	A

Trimethadione	Tridione	3	B
Trimethaphan	Arfonad	3	A
Tripelennamine	PBZ	3	B
Valerenic acid		3	C
Valsartan	Diovan	3	B
Vardenafil	Levitra	3	A
Xylazine	Rompun, Bay Va 1470	3	B
Zolmitriptan	Zomig	3	B
Δ-1-androstene-3,17-diol		3	B
Δ-1-androstene-3,17-dione		3	B
Δ-1-dihydrotestosterone		3	B
~~Zilpaterol~~	~~Zilmax~~	~~3~~	~~A~~
Zonisamide	Zonegran	3	B

Listing by Classification

Class 4: This class includes therapeutic medications that would be expected to have less potential to affect performance than those in Class 3.

Drug	Trade Name	DrugClass	Penalty Class
Acetaminophen (Paracetamol)	Tylenol, Tempra, etc.	4	C
Acetanilid		4	B
Acetazolamide	Diamox, Vetamox	4	B
Acetophenetidin (Phenacetin)		4	B
Acetylsalicylic acid (Aspirin)		4	C
~~Aclomethasone~~ Alclomethasone	Aclovate	4	C
Adrenochrome monosemicarbazone salicylate		4	B
Aldosterone	Aldocortin, Electrocortin	4	B
Ambroxol	Ambril, etc.	4	~~B~~C
Amcinonide	Cyclocort	4	C
Amiloride	Moduretic, Midamor	4	B
Aminocaproic acid	Amicar, Caprocid	4	C
~~Aminodarone~~		~~4~~	~~B~~
~~2-Aminoheptaine~~ 2-Aminoheptane	Tuamine	4	B
Aminopyrine		4	B
Amiodarone		4	B
Amisometradine	Rolictron	4	B
Amlodipine	Norvasc, Ammivin	4	B
Amrinone		4	B
Anisotropine	Valpin	4	B
Antipyrine		4	B

Apazone (Azapropazone)	Rheumox	4	B
Aprindine		4	B
Baclofen	Lioresal	4	B
Beclomethasone	Propaderm	4	C
Benazepril	Lotrel	4	B
Bendroflumethiazide	Naturetin	4	B
Benoxinate	Dorsacaine	4	C
Benzocaine		4	C
Benzthiazide		4	B
Bepridil	Bepadin	4	B
Betamethasone	Betasone, etc.	4	C
Bethanechol	Urecholine, Duvoid	4	C
Bromhexine	Oletor, etc.	4	C
Brompheniramine	Dimetane, Disomer	4	B
Budesonide	Pulmacort, Rhinocort	4	C

Listing by Classification

Class 4: This class includes therapeutic medications that would be expected to have less potential to affect performance than those in Class 3.

Drug	Trade Name	Drug Class	Penalty Class
Butacaine	Butyn	4	B
Butamben (butyl aminobenzoate)	Butesin	4	C
Butoxycaine	Stadacain	4	B
Camphor		4	C
Carbazochrome		4	C
Carprofen	Rimadyl	4	B
Certirizine	Zyrtec	4	B
Chlormerodrin	Neohydrin	4	B
Chlorophenesin	Maolate	4	C
Chloroquine	Avloclor	4	C
Chlorothiazide	Diuril	4	B
Chlorpheniramine	Chlortriemton, etc.	4	B
Chlorthalidone	Hydroton	4	B
Chlorzoxazone	Paraflex	4	B
Ciclesonide	Alvesco, Omnaris, Omniair	4	B
Cinchocaine	Nupercaine	4	C
Clanobutin		4	C
Clibucaine	Batrax	4	C
Clidinium	Quarezan, Clindex, etc.	4	B
Clobetasol	Temovate	4	C

Clocortolone	Cloderm	4	C
Clofenamide		4	B
Clormecaine	Placacid	4	C
Cobalt (>25ng/ml in blood)		4	C
Colchicine		4	B
Cortisone	Cortone, etc.	4	C
Cyclizine	Merazine	4	B
Cyclobenzaprine	Flexeril	4	B
Cyclomethylcaine	Surfacaine	4	C
Cyclothiazide	Anhydron, Renazide	4	B
Cyproheptadine	Periactin	4	C
Dantrolene	Dantrium	4	C
Dembroxol (Dembrexine)	Sputolysin	4	C
Deoxycorticosterone	Percortin, DOCA, Descotone, Dorcostrin	4	C
Desonite	Des Owen	4	C
Desoximetasone	Topicort	4	C

Listing by Classification

Class 4: This class includes therapeutic medications that would be expected to have less potential to affect performance than those in Class 3.

Drug	Trade Name	Drug Class	Penalty Class
Dexamethasone	Azium, etc.	4	C
Dextromethorphan		4	C
Dibucaine	Nupercainal, Cinchocaine	4	C
Dichlorphenamide	Daramide	4	C
Diclofenac	Voltaren, Voltarol	4	C
Diflorasone	Florone, Maxiflor	4	C
Diflucortolone	Flu-Cortinest, etc.	4	C
Digitoxin	Crystodigin	4	B
Digoxin	Lanoxin	4	B
Dihydroergotamine		4	C
Diltiazem	Cardizem	4	B
Dimethisoquin	Quotane	4	B
Dimethylsulfoxide (DMSO) (>1 ug/ml in blood or >10ug/ml in urine)	Domoso	4	C
Diphenoxylate	Difenoxin, Lomotil	4	B
Dipyrone	Novin, Methampyrone	4	C
Disopyramide	Norpace	4	B
Dromostanolone	Drolban	4	C
Dyclonine	Dyclone	4	C
Eltenac		4	C
Ergonovine	Ergotrate	4	C

Ergotamine	Gynergen, Cafergot, etc.	4	C
Etanercept	Enbrel	4	B
Ethoheptazine	Zactane	4	B
Ethosuximide	Zarontin	4	B
Ethotoin	Peganone	4	B
Ethoxzolamide	Cardrase, Ethamide	4	C
Ethylaminobenzoate (Benzocaine)	Semets, etc.	4	C
Felodipine	Plendil	4	B
Fexofenadine	Allegra	4	C
Firocoxib		4	C
Flecainide	Idalon	4	B
Floctafenine	Idalon, Idarac	4	B
Flucinolone	Synalar, etc.	4	C
Fludrocortisone	Alforone, etc.	4	C
Flumethasone	Flucort, etc.	4	C

Listing by Classification

Class 4: This class includes therapeutic medications that would be expected to have less potential to affect performance than those in Class 3.

Drug	Trade Name	Drug Class	Penalty Class
Flumethiazide	Ademol	4	B
Flunarizine	Sibelium	4	B
Flunisolide	Bronilide, etc.	4	C
Flunixin	Banamine	4	C
Fluocinolone	Synalar	4	C
Fluocinonide	Licon, Lidex	4	C
Fluoroprednisolone	Predef-2X	4	C
Fluprednisolone	Alphadrol	4	C
Flurandrenolide	Cordran	4	C
Flurometholone	FML, Flarex	4	B
Fluticasone	Flixonase, Flutide	4	C
Guaifenesin (glycerol guiacolate)	Gecolate	4	C
Halcinonide	Halog	4	C
Halobetasol	Ultravate	4	C
Hexocyclium	Tral	4	B
Hexylcaine	Cyclaine	4	C
Hydrochlorthiazide	Hydrodiuril	4	C
Hydrocortisone (Cortisol)	Cortef, etc.	4	C
Hydroflumethiazide	Saluron	4	B
Ibuprofen	Motrin, Advil, Nurpin, etc.	4	~~B or~~ C
Infliximab	Remicade	4	B

Isoflupredone	Predef	4	C
Isometheptene	Octin, Octon	4	B
Isopropamide	Darbid	4	B
Isoxsuprine	Vasodilan	4	C
Isradipine	DynaCirc	4	B
Ketoprofen	Orudis	4	C
Letosteine	Viscotiol, Visiotal	4	C
Loratidine	Claritin	4	B
Meclizine	Antivert, Bonine	4	B
Meclofenamic acid	Arquel	4	C
Medrysone	Medriusar, etc.	4	C
Meloxicam	Mobic	4	C
Mepenzolate	Cantil	4	B
Mephenesin	Tolserol	4	B

Listing by Classification

Class 4: This class includes therapeutic medications that would be expected to have less potential to affect performance than those in Class 3.

Drug	Trade Name	Drug Class	Penalty Class
Meralluride	Mercuhydrin	4	B
Merbaphen	Novasural	4	B
Mercaptomerin	Thiomerin	4	B
Mercumalilin	Cumertilin	4	B
Mersalyl	Salyrgan	4	B
Metaxalone	Skelaxin	4	B
Methandrostenolone	Dianabol	4	C
Methantheline	Banthine	4	B
Methapyrilene	Histadyl, etc.	4	B
Methazolamide	Naptazane	4	C
Methdilazine	Tacaryl	4	B
Methocarbamol	Robaxin	4	C
Methotrexate	Folex, Nexate, etc.	4	B
Methscopolamine	Pamine	4	B
Methsuximide	Celontin	4	B
Methylchlorthiazide	Enduron	4	B
Methandrostenolone	Dianabol	4	C
Methylergonovine	Methergine	4	C
Methylprednisolone	Medrol	4	C
Methysergide	Sansert	4	B
Metiamide		4	B

Metoclopramide	Reglan	4	C
Mexilitine	Mexilil	4	B
Milrinone		4	B
Mometasone	Elocon	4	C
Montelukast	Singulair	4	C
Naepaine	Amylsine	4	C
Naphazoline	Privine	4	B
Naproxen	Equiproxen, Naprosyn	4	C
Nicardipine	Cardine	4	B
Nifedipine	Procardia	4	B
Nimodipine	Nemotop	4	B
Norethandrone		4	C
Nortestosterone		4	C
Olsalazine	Dipentum	4	B

Listing by Classification

Class 4: This class includes therapeutic medications that would be expected to have less potential to affect performance than those in Class 3.

Drug	Trade Name	Drug Class	Penalty Class
Orphenadrine	Norlfex	4	B
Oxaprozin	Daypro, Deflam	4	C
Oxymetazoline	Afrin	4	B
Oxyphenbutazone	Tandearil	4	C
Oxyphencyclimine	Daricon	4	B
Oxyphenonium	Antrenyl	4	B
Paramethasone	Haldrone	4	C
Pentoxyfylline	Trental, Vazofirin	4	C
Phenacemide	Phenurone	4	B
Phensuximide	Milontin	4	B
Phenylbutazone		4	C
Phenytoin	Dilantin	4	B
Polythiazide	Renese	4	B
Pramoxine	Tronothaine	4	C
Prednisolone	Delta-Cortef, etc.	4	C
Prednisone	Meticorten, etc.	4	C
Probenecid		4	C
Procainamide	Pronestyl	4	B
Propafenone	Rythmol	4	B
Propantheline	Pro-Banthine	4	B
Proparacaine	Ophthaine	4	C

Propylhexedrine	Benzedrex	4	B
Quinidine	Quinidex, Quinicardine	4	B
Salicylamide		4	C
Salicylate		4	C
Spironalactone	Aldactone	4	B
Sulfasalazine	Azulfidine, Azaline	4	C
Terfenadine	Seldane, Triludan	4	B
Tetrahydrozoline	Tyzine	4	B
Theobromine		4	C
Thiosalicylate		4	C
Thiphenamil	Trocinate	4	B
Tocainide	Tonocard	4	B
Tranexamic acid		4	C
Triamcinolone	Vetalog, etc.	4	C

Listing by Classification

Class 4: This class includes therapeutic medications that would be expected to have less potential to affect performance than those in Class 3.

Drug	Trade Name	Drug Class	Penalty Class
Triamterene	Dyrenium	4	B
Trichlormethiazide	Naqua, Naquasone	4	C
Tolmetin	Tolectin	4	B
Tridihexethyl	Pathilon	4	B
Trimeprazine	Temaril	4	B
Triprolidine	Actidil	4	B
Tuaminoheptane	Tuamine	4	C
Vedaprofen		4	C
Verapamil	Calan, Isoptin	4	B
Xylometazoline	Otrivin	4	B
Zafirlukast	Accolate	4	C
Zeranol	Ralgro	4	C
Zileuton	Zyflo	4	C

Listing by Classification

Class 5: This class includes ***the following*** therapeutic medications for which concentration limits have been established**.**

Drug	Trade Name	DrugClass	Penalty Class
Acenocoumarol		5	C
Anisindione		5	D
Cilostazol	Pletal	5	D
Cimetidine	Tagamet	5	D
Cromolyn	Intel	5	D
Dicumarol	Dicumarol	5	D
Dimethylsulfoxide (DMSO)	Domoso	5	D
Dimethylsulphone (MSM)		5	D
Diphenadione		5	D
Esomeprazole	Nexium	5	D
Famotidine	Gaster, etc.	5	D
Lansoprazole		5	D
Mesalamine	Asacol	5	D
Misoprostel	Cytotec	5	D
Nedocromil	Tilade	5	C
Nizatidine	Axid	5	D
Omeprozole	Prilosec, Losec	5	D
Pantoprazole	Protonix	5	D
Phenindione	Hedulin	5	D

Phenprocoumon	Liquamar	5	D
Pirenzapine	Gastrozepin	5	D
Polyethylene glycol		5	C
Rabeprazole	Aciphex	5	C
Ranitidine	Zantac	5	D
Warfarin	Coumadin, Coufarin	5	D