

Jurisdiction and Rule Web address	Rule Number	Rule Language
<b>ARCI Model Rule</b> <a href="http://www.ua-rtip.org/industry/download_rules.html">www.ua-rtip.org/industry/download_rules.html</a>	ARCI 011-010 E (1)(a)	The use of one of three approved NSAIDs shall be permitted under the following conditions: (a) Not to exceed the following permitted serum or plasma threshold concentrations which are consistent with administration by a single intravenous injection at least 24 hours before the post time for the race in which the horse is entered: (i) Phenylbutazone – 2 micrograms per milliliter; (ii) Flunixin – 20 nanograms per milliliter; (iii) Ketoprofen – 10 nanograms per milliliter.
<b>United States Flat Racing</b>		
<b>Arizona</b> <a href="http://www.azsos.gov/public_services/Title_19/19-02.htm">http://www.azsos.gov/public_services/Title_19/19-02.htm</a>	R19-2-112.13.	The Commission has established permissible trace levels of the following foreign substances, as defined in R19-2-102(15). a. The trace level of Phenylbutazone shall not exceed 5 micrograms per milliliter of plasma of the horse. b. The trace level of Oxyphenbutazone shall not exceed 5 micrograms per milliliter of plasma of the horse.
<b>Arkansas</b> <a href="http://www.dfa.arkansas.gov/offices/racingCommission/Pages/thoroughbreds.aspx">www.dfa.arkansas.gov/offices/racingCommission/Pages/thoroughbreds.aspx</a>	1232(A).(1).(a).	Not to exceed the following permitted serum or plasma threshold concentrations which are consistent with administration by a single intravenous injection at least 24 hours before the post time for the race in which the horse is entered: (i) Phenylbutazone (or its metabolite oxyphenylbutazone) – 5 micrograms per milliliter; (ii) Flunixin – 20 nanograms per milliliter; (iii) Ketoprofen – 10 nanograms per milliliter.
<b>California</b> <a href="http://www.chrb.ca.gov/query_rules_and_regulations_database.asp?form_query_action=browse_by_article">http://www.chrb.ca.gov/query_rules_and_regulations_database.asp?form_query_action=browse_by_article</a>	1844.(c)	Not more than one approved non-steroidal anti-inflammatory drug substance (NSAID) may be administered to a horse that is entered to race and shall be only one of the following authorized drug substances: (1) Phenylbutazone in a dosage amount that the test sample shall contain not more than 5 micrograms of the drug substance per milliliter of blood plasma or serum. (2) Flunixin in a dosage amount that the test sample shall contain not more than 50 nanograms of the drug substance per milliliter of blood plasma or serum. (3) Ketoprofen in a dosage amount that the test sample shall contain not more than 10 nanograms of the drug substance per milliliter of blood plasma or serum. (4) Metabolites or analogues of approved NSAIDs may be present in post race test samples.
<b>Colorado</b> <a href="http://www.colorado.gov/cs/Satellite/Rev-Racing/RRAC/1209030659304">http://www.colorado.gov/cs/Satellite/Rev-Racing/RRAC/1209030659304</a>	5.312	Phenylbutazone, Flunixin (Banamine) and Ketoprofen will be the only non-steroidal anti-inflammatory drugs (NSAID) approved for horse racing. a) When approved, the test level for Phenylbutazone or its metabolite, Oxyphenylbutazone shall not exceed 5 micrograms per milliliter of blood, serum, or plasma. b) When approved, the test level for Flunixin (Banamine) shall not exceed 0.5 micrograms per milliliter of blood serum or plasma. c) When approved, the test level for Ketoprofen shall not exceed 0.01 microgram (10 nanograms) per milliliter of blood serum or plasma.

<p><b>Delaware</b>  <a href="http://regulations.delaware.gov/AdminCode/title3/1000/1001/index.shtml#TopOfPage">http://regulations.delaware.gov/AdminCode/title3/1000/1001/index.shtml#TopOfPage</a></p>	<p>15.1.3.1.4&amp;5</p>	<p>The only approved non-steroidal anti-inflammatory drug (NSAID) that may be present in a horse's body while it is participating in a race is phenylbutazone/oxyphenbutazone in the level stated in 15.1.3.1.5 or 15.1.3.1.6. The presence of any other NSAID at any test level is forbidden. 15.1.3.1.5 The test level of phenylbutazone under this Rule shall not be in excess of two (2.0) micrograms (mcg) per milliliter (ml) of plasma.</p>
<p><b>Florida</b>  <a href="http://www.myfloridalicense.com/dbpr/pmw/statutes.html">www.myfloridalicense.com/dbpr/pmw/statutes.html</a></p>	<p>61D-6.008 (2)(a)</p>	<p>Phenylbutazone may be administered to a horse providing:  1. The phenylbutazone is not administered closer than 24 hours prior to the officially scheduled post time of the race; or  2. The post race serum sample of such horse contains less than 5 micrograms (mcg) of phenylbutazone or its metabolites per milliliter (ml) of serum.</p>
<p><b>Idaho</b>  <a href="http://adm.idaho.gov/adminrules/rules/idapa11/11index.htm">http://adm.idaho.gov/adminrules/rules/idapa11/11index.htm</a></p>	<p>11.04.11.290</p>	<p>No blood sample taken from a horse authorized to use the following substances may exceed these limits: (3-29-10)  01. Phenylbutazone. May not exceed five (5) micrograms of phenylbutazone or oxyphenbutazone per milliliter of plasma; (3-29-10)  02. Flunixin (Banamine). May not exceed twenty (20) nanograms per milliliter of plasma. (3-29-10)  03. Mechlofenamic Acid (Arquel). May not exceed one (1) microgram per milliliter of plasma. (3-29-10)  04. Ketoprofen (Ketofen). May not exceed ten (10) nanograms per milliliter of plasma. (3-29-10)</p>
<p><b>Illinois</b> <a href="http://www.state.il.us/agency/irb/">www.state.il.us/agency/irb/</a></p>	<p>603.60 (a)</p>	<p>a) Non-Steroidal Anti-Inflammatories (NSAID): Threshold Levels  ...  3) The threshold level of phenylbutazone shall be less than 5.0 micrograms (mcg) per milliliter (ml) of serum or plasma. The threshold level for oxyphenylbutazone shall be less than 5.0 mcg/ml of serum or plasma.  4) The threshold level of flunixin shall be less than 20.0 ng/ml of serum or plasma and the threshold level of ketoprofen shall be less than 10.0 ng/ml of serum or plasma.</p>
<p><b>Indiana</b> <a href="http://www.in.gov/legislative/iac/title71.html">www.in.gov/legislative/iac/title71.html</a></p>	<p>71 IAC 8.5-1-4.1 (a)</p>	<p>The use of one (1) of three (3) approved NSAIDs shall be permitted under the following conditions:  (1) Not to exceed the following permitted serum or plasma threshold concentrations which are consistent with administration by a single intravenous injection at the recommended labeled doses at least twenty-four (24) hours before the post time for the race in which the horse is entered:  (A) Phenylbutazone (or its metabolite oxyphenylbutazone) – 5 micrograms per milliliter.  (B) Flunixin – 20 nanograms per milliliter.  (C) Ketoprofen – 10 nanograms per milliliter.</p>

<p><b>Iowa</b> <a href="http://www.state.ia.us/irgc/Content.htm#top">www.state.ia.us/irgc/Content.htm#top</a></p>	<p>491—10.7 (1)k.(1)</p>	<p>The use of one of three approved NSAIDs shall be permitted under the following conditions: 1. The level does not exceed the following permitted serum or plasma threshold concentrations which are consistent with administration by a single intravenous injection at least 24 hours before the post time for the race in which the horse is entered:</p> <ul style="list-style-type: none"> <li>● Phenylbutazone (or its metabolite oxyphenylbutazone) – 5 micrograms per milliliter;</li> <li>● Flunixin – 20 nanograms per milliliter;</li> <li>● Ketoprofen – 10 nanograms per milliliter.</li> </ul>
<p><b>Kansas</b> <a href="http://krgc.ks.gov/index.php?id=25">http://krgc.ks.gov/index.php?id=25</a></p>	<p>112-10-5. (d)(1)</p>	<p>No more than one approved nonsteroidal anti-inflammatory drug (NSAID) substance may be administered to a horse that is entered to race. The NSAID administered shall be one of the following authorized drug substances: (A) Phenylbutazone in a dosage amount so that the test sample taken after the race contains no more than 5.0 micrograms of drug substance per milliliter of blood plasma or serum; (B) flunixin in a dosage amount so that the test sample taken after the race contains no more than 20 nanograms of drug substance per milliliter of blood plasma or serum; or (C) ketoprofen in a dosage amount so that the test sample taken after the race contains no more than 10 nanograms per milliliter of blood plasma or serum.</p>
<p><b>Kentucky</b> <a href="http://www.khrc.ky.gov/rulesregs/">www.khrc.ky.gov/rulesregs/</a></p>	<p>810 KAR 1:018.8.(1)</p>	<p>One (1) of the following NSAIDs may be used by a single intravenous injection not less than twenty-four (24) hours before post time for the race in which the horse is entered if the concentration in the horse's sample or specimen does not exceed the following levels when tested post race: (a) Phenylbutazone - not to exceed five (5) micrograms per milliliter of plasma or serum; (b) Flunixin - not to exceed twenty (20) nanograms per milliliter of plasma or serum; and (c) Ketoprofen - not to exceed ten (10) nanograms per milliliter of plasma or serum.</p>
<p><b>Louisiana</b> <a href="http://horseracing.la.gov/rules.html">http://horseracing.la.gov/rules.html</a></p>	<p>1505.A.</p>	<p>... The nonsteroidal, anti-inflammatory medications designated below may be used in training but may not be administered within 24 hours of a race in which a horse is entered. The maximum analytical test result levels of the urine and blood of such horse, regardless of time of administration, shall be as follows. <b>Post-Race Urine Levels-Total of Drug and/or Metabolite</b> Phenylbutazone 165 micrograms per milliliter Oxyphenylbutazone 165 micrograms per milliliter <b>Post-Race Blood Levels-Total of Drug and/or Metabolite</b> Phenylbutazone 5.0 micrograms per milliliter Oxyphenylbutazone 5.0 micrograms per milliliter</p>
<p><b>Maryland</b> <a href="http://www.dsd.state.md.us/comar/subtitle_chapters/09_Chapters.aspx#Subtitle10">www.dsd.state.md.us/comar/subtitle_chapters/09_Chapters.aspx#Subtitle10</a></p>	<p>09.10.03.01.B. (1)</p>	<p>(b) Except as provided in §B(1)(c) of this regulation, "drug" does not include: (i) Phenylbutazone, quantitated at less than 2 micrograms per milliliter of the blood plasma of a horse; (ii) Flunixin quantitated at less than 20 nanograms per milliliter of blood plasma;</p>
<p><b>Massachusetts</b> <a href="http://www.mass.gov/?pageID=ocasubtopic&amp;L=5&amp;L0=Home&amp;L1=Government&amp;L2=Our+Agencies+and+Divisions&amp;L3=State+Racing+Commission&amp;L4=Rules+and+Regulations&amp;sid=Eoca">www.mass.gov/?pageID=ocasubtopic&amp;L=5&amp;L0=Home&amp;L1=Government&amp;L2=Our+Agencies+and+Divisions&amp;L3=State+Racing+Commission&amp;L4=Rules+and+Regulations&amp;sid=Eoca</a></p>	<p>205 CMR 4.32 (18), (19)</p>	<p>(18) A horse may receive Phenylbutazone up to and including the day of the race. (19) The quantitative analysis which is performed on the urine sample of a horse may not exceed 165 micrograms of phenylbutazone and/or its metabolites per milliliter of urine and must contain at least trace levels of phenylbutazone and/or its metabolites as determined by the methods in current use by the official chemist.</p>

<p><b>Michigan</b> <a href="http://www.michigan.gov/mgcb/0,1607,7-120-55140_46494-168787--,00.html">www.michigan.gov/mgcb/0,1607,7-120-55140_46494-168787--,00.html</a></p>	<p>R 431.1301 (4) (c)</p>	<p>(4) Phenylbutazone is authorized for administration to a horse that is intended to be entered, is entered, or participates, in a race with wagering by pari-mutuel methods or any nonbetting race that is conducted at a licensed race meeting in the state if all of the following conditions are met:</p> <p>...</p> <p>(c) Blood samples that are obtained for testing shall not contain concentrations of phenylbutazone or oxyphenbutazone of more than 5 micrograms per milliliter of serum or plasma. Serum or plasma samples that contain concentrations of more than 5 micrograms per milliliter of phenylbutazone or oxyphenbutazone violate these rules and subject the trainer to disciplinary action by the commissioner.</p>
<p><b>Minnesota</b> <a href="http://www.mrc.state.mn.us/racing_rules.htm">www.mrc.state.mn.us/racing_rules.htm</a></p>	<p>7890.0100 Subp. 13</p>	<p>The term medication includes all analgesics, anesthetics, depressants, narcotics, stimulants, tranquilizers, and other classifications of medications. Nothing herein shall be deemed to include: A. The following NSAIDs:</p> <p>(1) Bute, provided that the test sample does not contain more than the micrograms of the substance or metabolites thereof per milliliter of blood plasma permitted in Minnesota Statutes, section 240.24, subdivision 2**;</p> <p>(2) Flunixin, provided that the test sample does not contain more than 20 nanograms or metabolites thereof per milliliter of blood plasma; and</p> <p>(3) Ketoprofen, provided that the test sample does not contain more than ten nanograms or metabolites thereof per milliliter of blood plasma.</p> <p><i>** Minnesota statute says sample cannot contain more than five micrograms of the NSAID substance or metabolites thereof per milliliter of blood plasma</i></p>
<p><b>Montana</b> <a href="http://www.mtrules.org/gateway/ChapterHome.asp?Chapter=32.28">www.mtrules.org/gateway/ChapterHome.asp?Chapter=32.28</a></p>	<p>32.28.1402 (3) &amp; (4)</p>	<p>(3) The only substances permitted to be administered to a horse by this rule is phenylbutazone (Butazoladin) or derivatives thereof and furosemide (Lasix).</p> <p>(4) Phenylbutazone, or derivatives thereof, shall be administered in such dosage amount that the test sample shall contain not more than 5 micrograms of the drug substance, its metabolites and analogs, per milliliter of blood plasma. No urine sample taken from a horse authorized to use phenylbutazone shall exceed 165 micrograms total of phenylbutazone or its metabolites per milliliter of urine.</p>
<p><b>Nebraska</b> <a href="http://www.horseracing.state.ne.us/">www.horseracing.state.ne.us/</a></p>	<p>18.011.03</p>	<p>Phenylbutazone Violations-</p> <p>The level of phenylbutazone shall not exceed 5.0 ug/ml in blood or plasma samples taken following a race.</p>
<p><b>Nevada</b> <a href="http://gaming.nv.gov/stats_regs.htm#regs">http://gaming.nv.gov/stats_regs.htm#regs</a></p>	<p>30.405. 2. &amp; 3.</p>	<p>2. One of the following nonsteroidal anti-inflammatory drugs may be present in the horses body while it is participating in a race providing test levels do not exceed the specified amounts. The presence of more than one nonsteroidal anti-inflammatory drug at any test level is forbidden.</p> <p>3. The level of:</p> <p>(a) Phenylbutazone must not exceed 5 micrograms per milliliter of plasma.</p> <p>(b) Oxyphenbutazone must not exceed 5 micrograms per milliliter of plasma.</p> <p>(c) Flunixin (Banamine) must not exceed 1 microgram per milliliter of plasma.</p> <p>(d) Naproxin (Equiproxin) must not exceed 5 micrograms per milliliter of plasma.</p> <p>(e) Meclofenic Acid (Arquel) must not exceed 1 microgram per milliliter of plasma.</p>

<b>New Jersey</b>	//////////	////////////////////////////////////
<b>New Mexico</b> <a href="http://nmrc.state.nm.us/dyn/rules_reg_00.html">http://nmrc.state.nm.us/dyn/rules_reg_00.html</a>	15.2.6.9.C.(3)	<p>(a) Phenylbutazone: The use of phenylbutazone shall be permitted under the following conditions: Any horse to which phenylbutazone has been administered shall be subject to having a blood and/or urine sample(s) taken at the direction of the official veterinarian to determine the quantitative phenylbutazone level(s) and/or the presence of other drugs which may be present in the blood or urine sample(s). The permitted quantitative test level of phenylbutazone or xyphenbutazone shall be administered in such dosage amount that the official test sample shall not exceed 5 micrograms per milliliter of plasma.</p> <p>...</p> <p>(c) Flunixin: In addition to phenylbutazone and furosemide, flunixin may be administered in such dosage amount that the official test sample shall not exceed .05 microgram per milliliter of the drug substance, its metabolites, or analogs, per milliliter of blood plasma.</p> <p>(d) Ketoprofen: In addition to phenylbutazone and furosemide, ketoprofen may be administered in such dosage amount that the official test sample shall not exceed 10 nanograms per milliliter of the drug substance, its metabolites, or analogs, per milliliter of plasma.</p>
<b>New York</b> <a href="http://www.racing.state.ny.us/racing/racing.home.htm">www.racing.state.ny.us/racing/racing.home.htm</a>	4043.2	<p><b>Threshold Levels not found.</b></p> <p>Drugs and medications are permitted to be used only in accordance with the following provisions. (d) Either one, but no more than one, of the following two non-steroidal anti-inflammatory drugs may be administered by intravenous injection until 24 hours before the scheduled post time of the race in which the horse is to compete:</p> <p>(1) flunixin (2) phenylbutazone.</p> <p>(e) The following substances are permitted to be administered by any means until 48 hours before the scheduled post time of the race in which the horse is to compete:</p> <p>...</p> <p>(14) the following nonsteroidal anti-inflammatory drugs (NSAID's): Phenylbutazone (e.g., Butazolidin), Flunixin (e.g., Banamine), meclofenamic acid (Arquel), naproxen (e.g., Naprosyn, Equiproxen ;), Ketoprofen (e.g., Orudis):</p>
<b>North Dakota</b> <a href="http://www.legis.nd.gov/information/acdata/html/Title69.5.html">www.legis.nd.gov/information/acdata/html/Title69.5.html</a>	69.5-01-07-18.4.b.	b. The permitted quantitative test level of phenylbutazone shall not exceed 5 micrograms per milliliter of plasma.
<b>Ohio</b> <a href="http://codes.ohio.gov/oac/3769">http://codes.ohio.gov/oac/3769</a>	3769-8-01 B.(1)(a)	<p><b>Threshold Levels Not Found.</b></p> <p>The presence of any one of the non-steroidal anti-inflammatory drugs approved for use by the commission will be permitted at a concentration not to exceed the respective regulatory threshold established by the commission. Administration of any non-steroidal anti-inflammatory drug is prohibited within the twenty-four hours before post time for the race in which the horse is entered. The presence of more than one of the approved non-steroidal anti-inflammatory drugs in serum or plasma is <u>prohibited</u>.</p>
<b>Oklahoma</b> <a href="http://www.ohrc.org/rulesonline.html">www.ohrc.org/rulesonline.html</a>	325:45-1-22. (2)	The permitted quantitative test level of Phenylbutazone shall not exceed 5 micrograms (mcg) per milliliter (ml) of plasma.

<p><b>Oregon</b>  <a href="http://arcweb.sos.state.or.us/pages/rules/oars_400/oar_462/462_tofc.html">http://arcweb.sos.state.or.us/pages/rules/oars_400/oar_462/462_tofc.html</a></p>	<p>462-160-0130. (4)(C)</p>	<p>Not to exceed the following permitted serum or plasma threshold concentrations which are consistent with administration by a single intravenous injection not less than 24-hours before the post time for the race in which the horse is entered:  (i) Phenylbutazone (or its metabolite oxyphenylbutazone) — 5 micrograms per milliliter;  (ii) Flunixin — 50 nanograms per milliliter;  (iii) Ketoprofen — 10 nanograms per milliliter.</p>
<p><b>Pennsylvania</b>  <a href="http://www.pacode.com/secure/data/058/partIVtoc.html">http://www.pacode.com/secure/data/058/partIVtoc.html</a></p>	<p>163.304.</p>	<p>(1) Only one approved nonsteroidal anti-inflammatory drug (NSAID) may be present in the body of a horse while it is participating in a race. The presence of more than one NSAID at any test level is forbidden.  (2) The test level of phenylbutazone under this section may not be in excess of two micrograms (mcg) per milliliter (ml) of plasma.  (3) The test level of oxyphenbutazone under this section may not be in excess of two micrograms (mcg) per milliliter (ml) of plasma.</p>
<p><b>South Dakota</b>  <a href="http://legis.state.sd.us/rules/DisplayRule.aspx?Rule=20:04">http://legis.state.sd.us/rules/DisplayRule.aspx?Rule=20:04</a></p>	<p>20:04:27:13.</p>	<p><b>Threshold Levels Not Found</b>  The administration of the following substances to horses in accordance with the provisions of § 20:04:27:14 is authorized:  (1) Phenylbutazone (Butazolidin);</p>
<p><b>Texas</b> <a href="http://www.txrc.state.tx.us/laws/racing_rules.php">www.txrc.state.tx.us/laws/racing_rules.php</a></p>	<p>319.3.(b)</p>	<p>The maximum permissible plasma or serum concentration of phenylbutazone in horses is 5.0 micrograms per milliliter.</p>
<p><b>Virginia</b> <a href="http://www.vrc.virginia.gov/racingrules.shtml">www.vrc.virginia.gov/racingrules.shtml</a></p>	<p>11VAC10-180-70.C.</p>	<p>Disciplinary actions. The stewards shall take (the following) disciplinary actions for reports of quantitative testing by the primary testing laboratory for levels of phenylbutazone quantified at levels above 2.0 micrograms per milliliter of plasma or flunixin quantified at levels above 20 ng per milliliter of plasma in horses following races, qualifying races, and official timed workouts for the stewards or commission veterinarian:</p>
<p><b>Washington</b> <a href="http://www.whrc.wa.gov/?page=400">www.whrc.wa.gov/?page=400</a></p>	<p>WAC 260-70-640 (1)</p>	<p>The use of one of three approved nonsteroidal anti-inflammatory drugs (NSAIDs) is permitted under the following conditions:  (a) The drug may not exceed the following permitted serum or plasma threshold concentrations, which are consistent with administration by a single intravenous injection at least twenty-four hours before the post time for the race in which the horse is entered:  (i) Phenylbutazone - 5 micrograms per milliliter;  (ii) Flunixin - 50 nanograms per milliliter;  (iii) Ketoprofen - 10 nanograms per milliliter.</p>
<p><b>West Virginia</b>  <a href="http://www.wvracingcommission.com/wvrc_010.htm">www.wvracingcommission.com/wvrc_010.htm</a></p>	<p>§178-1-49.6.a.</p>	<p>The use of one (1) of three (3) approved NSAIDs shall be permitted under the following conditions:  49.6.a.1. Not to exceed the following permitted serum or plasma threshold concentrations which are consistent with administration by a single intravenous injection at least twenty-four (24) hours before post time for the race in which the horse is entered:  49.6.a.1.A. Phenylbutazone (or its metabolite oxyphenylbutazone) -- 5 micrograms per milliliter;  49.6.a.1.B. Flunixin -- 20 nanograms per milliliter;  49.6.a.1.C. Ketoprofen -- 10 nanograms per milliliter.</p>

