



Ohio State Racing Commission

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John Kasich
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December 30, 2013

To: Veterinarians, Horsemen, OHHA, OHBPA, General Managers, Judges, Stewards
From: Bill Crawford, Executive Director
Subject: Testing

The Analytical Toxicology Laboratory (ATL) recently acquired a new liquid chromatograph-mass spectrometer (LC-MS) based on high resolution-accurate mass spectrometry (HR-AM). This state of the art Thermo Exactive Plus Orbitrap LC-MS will allow the ATL to greatly expand its screening capability to detect and identify prohibited substances in official test samples.

This will be an improvement over existing routine screening protocol which requires several methods and instruments to screen aliquots of the sample for prohibited substances.

This new technology is expected to streamline our screening methods and enhance detecting capability of prohibited substances including a wide array of corticosteroids which will better serve the equine testing program in Ohio.

Also, attached are the Ohio State Racing Commission Allowable Regulatory Thresholds. Prohibited substances detected above the listed thresholds are actionable. Prohibited substances not listed are not permitted to be present (at any concentration) in an official test sample. The memo and attached list can be found on the commission website at www.racing.ohio.gov. If you have any questions, please let me know.