

**7892.0130 TESTING FOR QUARTER HORSE AND STANDARD BRED RACEHORSES.**

Subpart 1. **Chemist.** The official testing laboratory must have sufficient personnel to perform all analytical procedures required for the identification and forensic proof of a medication violation. The chemist responsible for the operation of the official testing laboratory must be a member in good standing of the Association of Official Racing Chemists.

Subp. 2. **Equipment.** The official testing laboratory must be equipped with sufficient laboratory equipment and personnel to perform:

A. analytical screening procedures for the detection and identification of prohibited substances;

B. confirmation procedures to provide forensic analytical evidence of a medication violation; and

C. quantitative analyses consistent with commission standards in those cases where an exact quantitative value is warranted.

Subp. 3. **Procedures.** Urine, serum or plasma samples, hair, and other biological samples must be subjected to sufficient analytical procedures to ensure that the medication rules of the commission are not violated. The exact analytical techniques performed must be determined by contract with the commission in consultation with a commission veterinarian and must include, at a minimum, the following:

A. quantitative screening analysis of serum or plasma or urine samples for detection of overages;

B. qualitative screening analysis of serum or plasma or urine or hair samples for the presence of any medication and metabolites, substance foreign to the natural horse, androgenic anabolic steroids, or endogenous, dietary, or environmental substance without regulatory limits that may result in a positive test; and

C. confirmation of overage and positive test results using mass spectrometry and laboratory criteria that meet or exceed commission requirements.

Subp. 4. **Reports.** The chemist employed by the official testing laboratory shall report the results of the sample analyses to a commission veterinarian, executive director, and deputy director as described by contract with the commission.

Subp. 5. **Laboratory accreditation.**

A. The official testing laboratory must have at least one member in good standing with the Association of Racing Chemists (AORC).

B. The official testing laboratory must be accredited by the most recent version of the International Organization for Standardization (ISO) 17025 quality standards.

C. The official testing laboratory shall be accredited by and in good standing with the Racing Medication Testing Consortium accreditation program.

Subp. 6. **Official testing laboratory.** "Official testing laboratory" means a laboratory facility that is designated by the commission to perform medication and drug-testing duties.

**Statutory Authority:** *MS s 240.03; 240.13; 240.15; 240.16; 240.19; 240.23; 240.24*

**History:** *9 SR 2527; 24 SR 1568; 39 SR 1739; 40 SR 1393; 46 SR 1210*

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