



# CERTIFICATE OF ACCREDITATION

## ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

**Microbóticos Análises Laboratoriais, Ltda.**  
**Avenida Santa Isabel, 2120 – Barão Geraldo - Campinas**  
**SP, Brazil 13084-643**

has been assessed by ANAB  
and meets the requirements of international standard

## ISO/IEC 17025:2005

while demonstrating technical competence in the field of

## TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of tests to which this accreditation applies.

AT-1562  
Certificate Number

  
ANAB Approval

Certificate Valid: 09/22/2016-08/25/2017  
Version No. 003 Issued: 09/22/2016



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).



**ANSI-ASQ National Accreditation Board**

## **SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

### **Microbóticos Análises Laboratoriais, Ltda.**

Avenida Santa Isabel, 2120 – Barão Geraldo – Campinas – SP, Brazil 13084-643  
Rodrigo Granja Phone: 55-19-3289-9690 (Brazil)  
rodrigo@microbóticos.com www.microbóticos.com

### **TESTING**

Valid to: August 25, 2017

Certificate Number: AT - 1562

#### **I. Analysis of Veterinary Drug Residues in Foods and Animal Tissues**

**These analyses include the following verified technologies:**

- Radioimmunoassay (RIA)
- High-Performance Liquid Chromatography with UV Detector (HPLC-UV)
- High-Performance Liquid Chromatography with Fluorescence Detector (HPLC-FLU)
- Liquid Chromatography with Mass Spectrometry Detector (includes HPLC, UHPLC-MS/MS)
- Enzyme-Linked ImmunoSorbent Assay (ELISA)
- Liquid-liquid and Solid Phase Extraction (SPE)
- Gas Chromatography with Mass Spectrometry Detector (GC-MS)

**And provide analyses for the following groups of analytes:**

GROUP A – Substances having an anabolic effect and unauthorized substances

- (1) Stilbenes, stilbene derivatives, and their salts and esters
- (2) Anti-thyroid agents
- (3) Steroids
- (4) Resorcylic acid lactones including zeranol
- (5) Beta-agonists
- (6) Compounds included in Annex IV to Council Regulation (EEC) No. 37/2010 of the European Union

GROUP B – Veterinary drugs and contaminants

- (1) Antibacterial substances, including sulphonamides and quinolones
- (2) Other veterinary drugs
  - a. Anti-helminthics
  - b. Anti-coccidials, including nitroimidazoles
  - c. Carbamates and pyrethroids
  - d. Sedatives
  - e. Non-steroidal anti-inflammatory drugs (NSAIDs)
  - f. Other pharmacologically-active substances

GROUP C – Psychotropic Active Substances Screening in Human Urine and other Human samples for forensic and non-forensic analysis.

**Notes:**

1. \* = As Applicable
2. This scope is formatted as part of a single document including the Certificate of Accreditation No. AT-1562

  
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Vice President



**ANSI-ASQ National Accreditation Board**

VERSION EN ESPAÑOL

**ALCANCE DE LA ACREDITACIÓN CONFORME  
LA NORMA ISO/IEC 17025:2005**

**Microbóticos Análises Laboratoriais, Ltda.**

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Rodrigo Granja

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**ENSAYOS**

Vigencia: Agosto 25, 2017

Número de certificado: AT - 1562

**I. Análisis de Residuos de Medicamentos Veterinarios en Alimentos y Tejidos Animales**

**Estos análisis incluyen las siguientes tecnologías verificadas:**

- Radioinmunoensayo (RIA)
- Cromatografía Líquida de Alta Resolución con Detector UV (HPLC-UV)
- Cromatografía Líquida de Alta Resolución con Detector de Fluorescencia (HPLC-FLU)
- Cromatografía Líquida con Detector de Espectrometría de Masas (incluye HPLC, UHPLC-MS/MS)
- Ensayo de Inmunoabsorción Enzimática (ELISA)
- Extracción Líquido-Líquido y de Fase Sólida (SPE)
- Cromatografía de Gases con Detector de Espectrometría de Masas (GC-MS)

**Y proveen análisis para los siguientes grupos de analitos:**

GRUPO A – Sustancias que tienen un efecto anabólico y sustancias prohibidas

- (7) Estilbenos, derivados de estilbenos y sus sales y ésteres
- (8) Agentes antitiroideos
- (9) Esteroides
- (10) Lactonas de ácido resorcílico, incluyendo zeranol
- (11) Antagonistas Beta
- (12) Compuestos incluidos en el Anexo IV del Reglamento (EEC) No. 37/2010 de la Unión Europea



GRUPO B – Medicamentos y contaminantes veterinarios

- (3) Sustancias antibacteriales, incluyendo sulfonamidas y quinolonas
- (4) Otros medicamentos veterinarios
  - a. Antihelmínticos
  - b. Anticoccidiósicos, incluyendo nitroimidazoles
  - c. Carbamatos y piretroides
  - d. Sedantes
  - e. Medicamentos antiinflamatorios no esteroideos (NSAIDs)
  - f. Otras sustancias farmacológicamente activas

GRUPO-C - Análisis de Criba de naturaleza forense y no forense de sustancias psicotrópicas activas en muestras de orina humana y otros tipos de muestras provenientes de humanos

**Notas:**

- 1. \* = Conforme sea aplicable.
- 2. Este alcance es parte de un documento que incluye el Certificado de Acreditación No. AT-1562

  
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Vice President