



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

MICROBAC LABORATORIES, INC.
Wilson Division
Agrochemical Sciences Department
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Wilson, NC 27896
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CHEMICAL

Valid To: February 28, 2013

Certificate Number: 2515.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform method development, validation and testing for evaluation of agrochemical residues and other trace residues.

Test Description

Test Method

I. Spectroscopy – UV/Visible

Determination of Dithiocarbamates in Tobacco
Determination of Maleic Hydrazide in Tobacco

AGR022
AGR028

II. Chromatography

Gas Chromatography

Multiresidue Method for Determination of Pesticides in Tobacco
Fumigants: Determination of Ethylene Dibromide (EDB) and
Dibromochloropropane (DBCP) in Tobacco by GC/ECD
Determination of Organophosphates in Tobacco by GC/FPD
Determination of Phenoxy Herbicides and Tribromophenol/
Tribromoanisole in Tobacco

AGR081
AGR082
AGR086
AGR087

Liquid

Determination of Methoprene in Tobacco

AGR032

Liquid Chromatography/Mass Spectrometry

Determination of Tobacco Specific Nitrosamines NNN, NAT
NAB and NNK in Tobacco Material by HPLC/MS/MS
Multiresidue Pesticide Screen by HPLC/MS/MS
Quechers for Tobacco Residues
Determination of Phenoxy Acid Herbicides by HPLC/MS/MS

AGR006
AGR007
AGR009
AGR015



World Class Accreditation

The American Association for Laboratory Accreditation

Accredited Laboratory

A2LA has accredited

MICROBAC LABORATORIES, INC. WILSON DIVISION

Wilson, NC

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. 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 8 January 2009*).

Presented this 17th day of May 2011.



A handwritten signature in black ink, appearing to read "Peter Meyer".

President & CEO
For the Accreditation Council
Certificate Number 2515.01
Valid to February 28, 2013

For the tests or types of tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.