



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Pacific Agricultural Laboratory
a Matrix Sciences International Company
21830 SW Alexander Lane
Sherwood, OR 97140

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 13 May 2024
Certificate Number: AT-2875



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
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 April 2017).



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Pacific Agricultural Laboratory a Matrix Sciences International Company

21830 SW Alexander Lane
Sherwood, OR 97140

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TESTING

Valid to: **May 13, 2024**

Certificate Number: **AT-2875**

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Multi-Residue Pesticide Screen	QuEChERS (AOAC 2007.01)	Agricultural Commodities, Foods & Food Ingredients	GC-MS/MS
Multi-Residue Pesticide Screen	QuEChERS (AOAC 2007.01)	Agricultural Commodities, Foods & Food Ingredients	LC-MS/MS
Multi-Residue Pesticide Screen	JASBC 69(3):121-126, 2011	Agricultural Commodities, Foods & Food Ingredients	GC-MS/MS
Multi-Residue Pesticide Screen	JASBC 69(3):121-126, 2011	Agricultural Commodities, Foods & Food Ingredients	LC-MS/MS
Pesticide Residue	EPTC / MITC (AMVAC Method WRC 88-43)	Agricultural Commodities, Foods & Food Ingredients	GC-MS/MS GC-FPD
Pesticide Residue	Phenoxy Herbicides (FDA PAM II Method 180.292)	Agricultural Commodities, Foods & Food Ingredients	GC-MS/MS
Pesticide Residue	Imidazolinone Herbicides (BASF Reg Doc # 2010/1090461)	Agricultural Commodities, Foods & Food Ingredients	LC-MS/MS
Pesticide Residue	Sulfonylurea Herbicides (DuPont Method)	Agricultural Commodities, Foods & Food Ingredients	LC-MS/MS
Pesticide Residue	Aminocyclopyrachlor (Modified Anal.Chem./ Vol 81#2 Nanita)	Agricultural Commodities, Foods & Food Ingredients	LC-MS/MS
Pesticide Residue	Aminopyralid (Modified Dow Study ID #081126)	Agricultural Commodities, Foods & Food Ingredients	LC-MS/MS

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Polar Pesticides Residue	QuPpe (EURL, Ver.8.1, 2015)	Agricultural Commodities, Foods & Food Ingredients	LC-MS/MS
Pesticide Residue	Paraquat/Diquat (JAOAC Method, Vol. 76 #6)	Agricultural Commodities, Foods & Food Ingredients	LC-MS/MS
Pesticide Residue	Maleic hydrazide (JOAFC, Vol. 29 1980)	Agricultural Commodities, Foods & Food Ingredients	LC-MS/MS
Pesticide Residue	Dithiocarbamates (JAOAC Method, Vol78, #5)	Agricultural Commodities, Foods & Food Ingredients	GC-FPD

Environmental

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Multi-Residue Pesticide Screen	EPA 8081B	Soil and Water	GC-MS/MS
Multi-Residue Pesticide Screen	EPA 8270D/ EPA 8151A	Soil and Water	GC-MS/MS
Multi-Residue Pesticide Screen	EPA 8321B	Soil and Water	LC-MS/MS
Multi-Residue Pesticide Screen	EPA 8141A	Soil and Water	GC-FPD
Glyphosate / AMPA	Monsanto Method/ EPA 547	Soil and Water	LC-FLD
Dithiocarbamates	JAOAC Method, Vol. 78, #5 EPA 630.1	Soil and Water	GC-FPD

Preparation

Multi-Residue Pesticide Screen	EPA 3540C	Soil and Solid	Soxhlet Extraction
Multi-Residue Pesticide Screen	EPA 3510C	Water	Liquid-Liquid Extraction

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-2875.



R. Douglas Leonard Jr., VP, PILR SBU