



SCOPE OF ACCREDITATION TO ISO 17034:2016

AMERICAN OIL CHEMISTS' SOCIETY (AOCS)

2710 S. Boulder Drive

Urbana, IL 61802-7190

Denise Williams Phone: 217 693 4814

REFERENCE MATERIALS PRODUCER

Valid To: May 31, 2021

Certificate Number: 3438.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this Reference Material Producer for the production of certified reference materials of the following categories:

Category of Certified Reference Material	Test Analysis Measurement	Measurement Technique
<p>A4.4 Plant Materials</p> <p>Powder</p> <p>Non-Modified Canola GT73/RT73 Canola LBFLFK Canola MON88302 Canola Non-Modified Cotton MON1445 Cotton MON531 Cotton MON15985-7 Cotton MON88701 Cotton MON88913 Cotton COT102 Cotton Non-Modified Maize MON87411 Maize MON87403 Maize MON88017 Maize MON87419 Maize MON87427 Maize MON87460 Maize MON89034 Maize GA21 Maize MZHG0JG Maize MZIR098 Maize MZTD09Y Maize MIR604 Maize MIR162 Maize 5307 Maize Non-Modified Potato EH92-527-1 Potato</p>	<p>Presence/Absence</p>	<p>Real-time PCR</p>

Category of Certified Reference Material	Test Analysis Measurement	Measurement Technique
<p>Powder (cont) Non-Modified Soybean BPS-CV127-9 Soybean MON89788 Soybean MON87701 Soybean MON87705 Soybean MON87708 Soybean MON87769 Soybean MON87751 Soybean SYHT04R Soybean SYH0H2 Soybean Non-Modified Sugarbeet H7-1 Sugarbeet</p> <p>DNA Non-Modified Canola Ms8 Canola Rf3 Canola T45 Canola Ms1 Canola Ms11 Canola Rf1 Canola Rf2 Canola Topaz 19/2 Canola Non-Modified Cotton LLCotton25 Cotton GHB614 Cotton Non-Modified Maize T25 Maize Non-Modified Rice LLRice62 Rice Non-Modified Soybean A2704-12 Soybean A5547-127 Soybean FG72 Soybean</p>	Presence/Absence	Real-time PCR





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Category of Certified Reference Material ¹	Concentration Ranges and Uncertainty	Measurement Technique(s)
<p>A4.4 Plant Materials</p> <p>Powder</p> <p>Non-Modified Canola GT73/RT73 Canola LBFLFK Canola MON88302 Canola Non-Modified Cotton MON1445 Cotton MON531 Cotton MON15985-7 Cotton MON88701 Cotton MON88913 Cotton COT102 Cotton Non-Modified Maize MON87411 Maize MON87403 Maize MON88017 Maize MON87419 Maize MON87427 Maize MON87460 Maize MON89034 Maize GA21 Maize MZHG0JG Maize MZIR098 Maize MZTD09Y Maize MIR604 Maize MIR162 Maize 5307 Maize Non-Modified Potato EH92-527-1 Potato Non-Modified Soybean</p>	<p>Concentration Range: (0 to 1000) g/kg</p> <p>Uncertainty: (0 to 20.0) %</p>	<p>Event-specific PCR, digital PCR (dPCR), quantitative PCR (qPCR)</p>

Category of Certified Reference Material	Concentration Ranges and Uncertainty	Measurement Technique(s)
<p>Powder (cont) BPS-CV127-9 Soybean MON89788 Soybean MON87701 Soybean MON87705 Soybean MON87708 Soybean MON87769 Soybean MON87751 Soybean SYHT04R Soybean SYH0H2 Soybean Non-Modified Sugarbeet H7-1 Sugarbeet</p> <p>Liquid DNA Non-Modified Canola Ms8 Canola Rf3 Canola T45 Canola Ms1 Canola Ms11 Canola Rf1 Canola Rf2 Canola Topaz 19/2 Canola Non-Modified Cotton LLCotton25 Cotton GHB614 Cotton Non-Modified Maize T25 Maize Non-Modified Rice LLRice62 Rice Non-Modified Soybean A2704-12 Soybean A5547-127 Soybean FG72 Soybean</p>	<p>Concentration Range: (0 to 1000) g/kg</p> <p>Uncertainty: (0 to 20.0) %</p> <p>Concentration Range: (0 to 1000) ng/μg</p> <p>Uncertainty: (0 to 20.0) %</p>	<p>Event-specific PCR, digital PCR (dPCR), quantitative PCR (qPCR)</p> <p>Event-specific PCR, digital PCR (dPCR), quantitative PCR (qPCR)</p>

¹ This reference material producer is approved to produce Certified Reference Materials (CRM) for all items listed on the scope of accreditation.



Accredited Reference Material Producer

A2LA has accredited

AMERICAN OIL CHEMISTS' SOCIETY (AOCS) *Urbana, IL*

This accreditation covers the specific materials listed on the agreed upon Scope of Accreditation. This producer meets the requirements of *ISO 17034:2016 General Requirements for the Competence of Reference Material Producers*. This accreditation demonstrates technical competence for a defined scope and the operation of a quality management system.

Presented this 30th day of December 2019.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3438.01
Valid to May 31, 2021

