



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SILLIKER, INC.
dba MERIEUX NUTRISCIENCES
CRETE - ANALYTICAL LABORATORY
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CHEMICAL

Valid To: March 31, 2026

Certificate Number: 1105.15

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the laboratory's compliance with the A2LA Food Testing Program Requirements, containing the 2018 “AOAC Guidelines for Laboratories Performing Microbiological and Chemical Analyses of Food, Dietary Supplements, and Pharmaceuticals”), accreditation is granted to this laboratory to perform the following tests on oilseed, grains, vitamins, animal feeds, foods, and beverages (nutrients):

<u>Test Method Name</u>	<u>In-House Method(s)</u>	<u>Reference Method(s)</u>
Allergens by ELISA using Neogen Veratox, r-Biopharm AG Ridascreen, Morinaga, and BioFront Test Kits – Almond, Crustacean, Egg, Gluten/Gliadin, Hazelnut, Milk (Total), Mustard, Peanut, Pecan, Sesame, Soy, Walnut, Cashew, Coconut	AS-CC-016	-----
Ascorbic Acid (Vitamin C) by Fluorescence HPLC	QA-0240-5237	AOAC 967.22 (Modified)
Ash by Ignition (Muffle Furnace)	QA-0225-2001	Modified versions of: AACC 08-16 AOAC 900.02, 920.48, 920.54, 920.67, 920.73, 920.93, 920.100, 920.108, 920.115, 920.117, 920.131, 920.138, 920.153, 920.155, 920.181, 920.187, 923.03, 925.11, 925.49, 925.51, 926.02, 930.05, 930.22, 930.30, 930.35, 935.39, 935.42, 938.08, 940.12, 940.26, 941.12, 942.05, 945.18, 945.28, 945.38, 945.39, 945.46, 945.63, 950.14, 950.49, 967.04, 969.36, 972.15, 975.12, 986.25
Beta Agonists by LC/MS/MS – Clenbuterol, Ractopamine, Zilpaterol	QA-0400-9001	CFIA CVDR BAGS-SP06 2008/04 (Modified)
Beta Carotene by HPLC	QA-0240-4721	CIFST Journal Volume 15, No. 3, pp. 165-169, 1982 (Modified)

Test Method Name	In-House Method(s)	Reference Method(s)
Cholesterol	QA-0250-4915	AOAC 994.10 (Modified)
Crude Fiber by Fibertherm	QA-0220-5000	AOAC 962.09 (Modified)
Fat by Ankom	QA-0210-4205	AOCS Am 5-04 (Modified)
Fat by Fatty Acid Analysis, Acid Mojonnier Extraction Analyte List Annex, Table 1	QA-0210-4222	AOAC 996.06 (Modified)
Fat by Fatty Acid Analysis, Direct Saponification Analyte List Annex, Table 1	QA-0210-4221	AOAC 996.06 (Modified)
Fat by Mojonnier Ether Extraction Hydrolysis with Hydrochloric Acid	QA-0210-4212	AOAC 950.54
Fat by Mojonnier Ether Extraction with Ammonia	QA-0210-4213	AOAC 905.02, 933.05, 989.05 SMEDP 15.086
Fat Soxhlet	QA-0210-4201	AOAC 960.39, 920.39, 991.36 USDA CLG-FAT
Free Fatty Acids in Oil Products	QA-0250-4901	AOCS Ca 5a-40 (Modified)
Heavy Metals and Minerals by Inductively Coupled Plasma Mass Spectrometry (ICP-MS) after Microwave Digestion Analyte List Annex, Table 2	QA-0210-1000	AOAC 2015.01 (Modified)
Inductively Coupled Plasma Emission Spectroscopy (ICP-OES) Analyte List Annex, Table 3	AS-CC-020	AOAC 984.27 (Modified)
Insoluble, Soluble, and Total Dietary Fiber by Codex Definition Analyte List Annex, Table 4	AS-CC-002	AOAC 2009.01 (Modified) AOAC 2011.25 (Modified)
Moisture by Forced Air Oven (Gravimetric)	QA-0200-4102	Modified versions of: AACC 44-15A AOAC 920.116, 925.10, 925.23, 930.15, 931.04, 950.46, 952.08, 984.25 AOCS Ac 2-41, Ca 2c-25 SMEDP 15.10 USDA CLG-MOI
Moisture by the Karl-Fischer Titration	QA-0200-4120	AOAC 984.20
Moisture by Vacuum Oven (Gravimetric)	QA-0200-4101	Modified versions of: AACC 44-40 AOAC 920.115, 920.151, 925.09, 925.30, 925.40, 925.45A, 925.45, 926.08, 926.12, 927.05, 934.06, 935.56, 945.43, 968.11 CRA MOIST.04 SMEDP 15.110-119
Multimycotoxin Analysis in Foodstuffs by LC/MS/MS Alfatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Deoxynivalenol, Fumonisin B1, Fumonisin B2, Fumonisin B3, Ochratoxin, T2 Toxin, Zearalenone	QA-0120-5000	Journal of Chromatography A, 1217 (2010) 6044 - 6051 (Modified)

Test Method Name	In-House Method(s)	Reference Method(s)
Nitrogen and Protein by Combustion	AS-CC-011	AOAC 990.03, 992.15, 992.23
Peroxide Value of Oils and Extracted Fat by Titration	QA-0250-4909	AOCS Cd 8b-90 (Modified)
pH	QA-0270-5304	AACC 02-52 AOAC 981.12 AOCS G7-56 SMEDP 15.022
Pesticides by QuEChERS Extraction, GC/MS/MS Analyte Annex List, Table 5	QA-0120-4000	EN15662
Pesticides by QuEChERS Extraction, LC/MS/MS Analyte Annex List, Table 6	QA-0120-4000	EN15662
Protein by the Kjeldahl Method: Boric Acid Method (Rapid Distill Method)	QA-0215-4350	AOAC 920.123, 930.29, 935.46, 950.48, 979.09, 981.10, 984.13, 991.20
Retinol Analysis by HPLC	QA-0240-4720	Analyst Journal Volume 109, No. 4, pp. 489-492, 1984
Salt by Potentiometric Titration	QA-0245-2305	AOAC 983.14 SMEDP 15.050
Sugars in Foods by HPLC Analyte List Annex, Table 7	QA-0235-4601	AOAC 980.13, 982.14 (Modified)
Total Dietary Fiber by ANKOM	QA-0220-4410	AOAC 991.43 (Modified)
Total Starch by Ewers Method	QA-0235-4623	OJ Volume 72, L123. pp. 6-9
Water Activity	QA-0200-4116	AOAC 978.18

Key:

AACC	American Association of Cereal Chemists
AOAC	AOAC INTERNATIONAL Official Methods of Analysis AOCS The American Oil Chemists' Society
CIFST	Canadian Institute Food Science and Technology
CFIA CVDR	Canadian Food Inspection Agency Centre for Veterinary Drug Residues
CRA	Corn Refiners Association
OJ	Official Journal of the European Communities
SMEDP	Standard Methods for the Examination of Dairy Products
USDA CLG	United States Department of Agriculture Chemistry Laboratory Guidebook

ANALYTE LIST ANNEX

Table 1
Fat by Fatty Acid Analysis, Acid Mojonnier Extraction and Direct Saponification

Analyte	In-House Method(s)	Reference Method
4:0 Butanoic (Butyric)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
5:0 Pentanoic (Valeric)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
6:0 Hexanoic (Caproic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
7:0 Heptanoic (Enanthic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
8:0 Octanoic (Caprylic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
9:0 Nonanoic (Pelargonic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
10:0 Decanoic (Capric)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
11:0 Undecanoic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
12:0 Dodecanoic (Lauric)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
12:1 Dodecenoic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
14:0 Tetradecanoic (Myristic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
14:1 trans-Tetradecenoic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
14:1 Tetradecenoic (Myristoleic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
15:0 Pentadecanoic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
15:1 Pentadecenoic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
16:0 Hexadecanoic (Palmitic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
16:1 trans-Hexadecenoic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
16:1 Hexadecenoic (Palmitoleic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
17:0 Heptadecanoic (Margaric)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
17:1 Heptadecenoic (Margaroleic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
18:0 Octadecanoic (Stearic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
18:1 trans-Octadecenoic (incl. Elaidic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)

Table 1 (Continued)
Fat by Fatty Acid Analysis, Acid Mojonnier Extraction and Direct Saponification

<u>Analyte</u>	<u>In-House Method(s)</u>	<u>Reference Method</u>
18:1 Octadecenoic (incl. Oleic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
18:2 trans-Octadecadienoic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
18:2 Octadecadienoic (Linoleic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
20:0 Eicosanoic (Arachidic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
18:3 trans-Octadecatrienoic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
18:3 g-Linolenic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
20:1 trans-Eicosenoic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
20:1 Eicosenoic (incl. Gadoleic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
18:3 Octadecatrienoic (Linolenic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
21:0 Heneicosanoic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
18:2 Conj Linoleic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
18:4 Octadecatetraenoic (Morotic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
20:2 Eicosadienoic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
20:3 5,8,11-Eicosatrienoic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
22:0 Docosanoic (Behenic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
20:3 8,11,14-Eicosatrienoic (gamma)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
22:1 trans-Docosaenoic (Brassicic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
22:1 Cetoleic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
22:1 Docosaenoic (Erucic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
20:3 11,14,17-Eicosatrienoic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
20:4 Eicosatetraenoic (Arachidonic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
23:0 Tricosanoic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
22:2 Docosadienoic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)

Table 1 (Continued)
Fat by Fatty Acid Analysis, Acid Mojonnier Extraction and Direct Saponification

Analyte	In-House Method(s)	Reference Method
24:0 Tetracosanoic (Lignoceric)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
20:5 Eicosapentaenoic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
24:1 Tetracosanoic (Nervonic)	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
22:3 Docosatrienoic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
22:4 Docosatetraenoic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
22:5 Docosapentaenoic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
22:6 Docosaheptaenoic	QA-0210-4221 QA-0210-4222	AOAC 996.06 (Modified)
Total SFA (Calculation)	QA-0210-4221 QA-0210-4222	-----
Total Cis MUFA (Calculation)	QA-0210-4221 QA-0210-4222	-----
Total Cis PUFA (Calculation)	QA-0210-4221 QA-0210-4222	-----
Total Trans FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
Total Conj FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
Total SFA - %TFA (Calculation)	QA-0210-4221 QA-0210-4222	-----
Total Cis MUFA - %TFA (Calculation)	QA-0210-4221 QA-0210-4222	-----
Total Cis PUFA - %TFA (Calculation)	QA-0210-4221 QA-0210-4222	-----
Total Trans FA - %TFA (Calculation)	QA-0210-4221 QA-0210-4222	-----
Total Conj FA - %TFA (Calculation)	QA-0210-4221 QA-0210-4222	-----
4:0 Butanoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
5:0 Pentanoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
6:0 Hexanoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
7:0 Heptanoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
8:0 Octanoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
9:0 Nonanoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----

Table 1 (Continued)
Fat by Fatty Acid Analysis, Acid Mojonnier Extraction and Direct Saponification

Analyte	In-House Method(s)	Reference Method
10:0 Decanoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
11:0 Undecanoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
12:0 Dodecanoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
12:1 Dodecenoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
14:0 Tetradecanoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
14:1 trans-Tetradecenoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
14:1 Tetradecenoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
15:0 Pentadecanoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
15:1 Pentadecenoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
16:0 Hexadecanoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
16:1 trans-Hexadecenoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
16:1 Hexadecenoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
17:0 Heptadecanoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
17:1 Heptadecenoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
18:0 Octadecanoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
18:1 trans-Octadecenoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
18:1 Octadecenoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
18:2 trans-Octadecadienoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
18:2 Octadecadienoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
20:0 Eicosanoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
18:3 trans-Octadecatrienoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
18:3 g-Linolenic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
20:1 trans-Eicosenoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----

Table 1 (Continued)
Fat by Fatty Acid Analysis, Acid Mojonnier Extraction and Direct Saponification

<u>Analyte</u>	<u>In-House Method(s)</u>	<u>Reference Method</u>
20:1 Eicosenoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
18:3 Octadecatrienoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
21:0 Heneicosanoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
18:2 Conj Linoleic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
18:4 Octodecatetraenoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
20:2 Eicosadienoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
20:3 5,8,11-Eicosatrienoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
22:0 Docosanoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
20:3 8,11,14-Eicosatrienoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
22:1 trans-Docosanoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
22:1 Cetoleic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
22:1 Docosanoic (Erucic) - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
20:3 11,14,17-Eicosatrienoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
20:4 Eicosatetraenoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
23:0 Tricosanoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
22:2 Docosadienoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
24:0 Tetracosanoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
20:5 Eicosapentaenoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
24:1 Tetracosanoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
22:3 Docosatrienoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
22:4 Docosatetraenoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
22:5 Docosapentaenoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
22:6 Docosahexaenoic - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----

Table 1 (Continued)
Fat by Fatty Acid Analysis, Acid Mojonnier Extraction and Direct Saponification

<u>Analyte</u>	<u>In-House Method(s)</u>	<u>Reference Method</u>
Total - %TG (Calculation)	QA-0210-4221 QA-0210-4222	-----
4:0 Butanoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
5:0 Pentanoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
6:0 Hexanoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
7:0 Heptanoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
8:0 Octanoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
9:0 Nonanoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
10:0 Decanoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
11:0 Undecanoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
12:0 Dodecanoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
12:1 Dodecenoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
14:0 Tetradecanoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
14:1 trans-Tetradecenoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
14:1 Tetradecenoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
15:0 Pentadecanoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
15:1 Pentadecenoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
16:0 Hexadecanoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
16:1 trans-Hexadecenoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
16:1 Hexadecenoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
17:0 Heptadecanoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
17:1 Heptadecenoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
18:0 Octadecanoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
18:1 trans-Octadecenoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----

Table 1 (Continued)
Fat by Fatty Acid Analysis, Acid Mojonnier Extraction and Direct Saponification

<u>Analyte</u>	<u>In-House Method(s)</u>	<u>Reference Method</u>
18:1 Octadecenoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
18:2 trans-Octadecadienoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
18:2 Octadecadienoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
20:0 Eicosanoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
18:3 trans-Octadecatrienoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
18:3 g-Linolenic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
20:1 trans-Eicosenoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
20:1 Eicosenoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
18:3 Octadecatrienoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
21:0 Heneicosanoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
18:2 Conj Linoleic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
18:4 Octodecatetraenoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
20:2 Eicosadienoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
20:3 5,8,11-Eicosatrienoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
22:0 Docosanoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
20:3 8,11,14-Eicosatrienoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
22:1 trans-Docosanoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
22:1 Cetoleic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
22:1 Docosaenoic (Erucic) - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
20:3 11,14,17-Eicosatrienoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
20:4 Eicosatetraenoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
23:0 Tricosanoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
22:2 Docosadienoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----

Table 1 (Continued)**Fat by Fatty Acid Analysis, Acid Mojonnier Extraction and Direct Saponification**

<u>Analyte</u>	<u>In-House Method(s)</u>	<u>Reference Method</u>
24:0 Tetracosanoic - %FA (Calculation)	QA-0210-4221	-----
24:0 Tetracosanoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
20:5 Eicosapentaenoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	
24:1 Tetracosanoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
22:3 Docosatrienoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
22:4 Docosatetraenoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
22:5 Docosapentaenoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----
22:6 Docosahexaenoic - %FA (Calculation)	QA-0210-4221 QA-0210-4222	-----

Table 2**Heavy Metals and Minerals by Inductively Coupled Plasma Mass Spectrometry (ICP-MS) after Microwave Digestion**

<u>Analyte</u>	<u>In-House Method</u>	<u>Reference Method</u>
Aluminum	QA-0210-1000	AOAC 2015.01 (Modified)
Antimony	QA-0210-1000	AOAC 2015.01 (Modified)
Arsenic	QA-0210-1000	AOAC 2015.01 (Modified)
Barium	QA-0210-1000	AOAC 2015.01 (Modified)
Beryllium	QA-0210-1000	AOAC 2015.01 (Modified)
Bismuth	QA-0210-1000	AOAC 2015.01 (Modified)
Boron	QA-0210-1000	AOAC 2015.01 (Modified)
Cadmium	QA-0210-1000	AOAC 2015.01 (Modified)
Calcium	QA-0210-1000	AOAC 2015.01 (Modified)
Chromium	QA-0210-1000	AOAC 2015.01 (Modified)
Cobalt	QA-0210-1000	AOAC 2015.01 (Modified)
Copper	QA-0210-1000	AOAC 2015.01 (Modified)
Iron	QA-0210-1000	AOAC 2015.01 (Modified)
Lead	QA-0210-1000	AOAC 2015.01 (Modified)
Lithium	QA-0210-1000	AOAC 2015.01 (Modified)
Magnesium	QA-0210-1000	AOAC 2015.01 (Modified)
Manganese	QA-0210-1000	AOAC 2015.01 (Modified)

Table 2 (Continued)**Heavy Metals and Minerals by Inductively Coupled Plasma Mass Spectrometry (ICP-MS) after Microwave Digestion**

<u>Analyte</u>	<u>In-House Method</u>	<u>Reference Method</u>
Mercury	QA-0210-1000	AOAC 2015.01 (Modified)
Molybdenum	QA-0210-1000	AOAC 2015.01 (Modified)
Nickel	QA-0210-1000	AOAC 2015.01 (Modified)
Phosphorus	QA-0210-1000	AOAC 2015.01 (Modified)
Potassium	QA-0210-1000	AOAC 2015.01 (Modified)
Selenium	QA-0210-1000	AOAC 2015.01 (Modified)
Silver	QA-0210-1000	AOAC 2015.01 (Modified)
Sodium	QA-0210-1000	AOAC 2015.01 (Modified)
Strontium	QA-0210-1000	AOAC 2015.01 (Modified)
Thallium	QA-0210-1000	AOAC 2015.01 (Modified)
Thorium	QA-0210-1000	AOAC 2015.01 (Modified)
Tin	QA-0210-1000	AOAC 2015.01 (Modified)
Titanium	QA-0210-1000	AOAC 2015.01 (Modified)
Uranium	QA-0210-1000	AOAC 2015.01 (Modified)
Vanadium	QA-0210-1000	AOAC 2015.01 (Modified)
Zinc	QA-0210-1000	AOAC 2015.01 (Modified)
Zirconium	QA-0210-1000	AOAC 2015.01 (Modified)

Table 3
Inductively Coupled Plasma Emission Spectroscopy (ICP-OES)

<u>Analyte</u>	<u>In-House Method</u>	<u>Reference Method</u>
Antimony	QA-0245-2281	AOAC 984.27 (Modified)
Aluminum	QA-0245-2281	AOAC 984.27 (Modified)
Arsenic	QA-0245-2281	AOAC 984.27 (Modified)
Cadmium	QA-0245-2281	AOAC 984.27 (Modified)
Chromium	QA-0245-2281	AOAC 984.27 (Modified)
Copper	QA-0245-2281	AOAC 984.27 (Modified)
Iron	QA-0245-2281	AOAC 984.27 (Modified)
Lead	QA-0245-2281	AOAC 984.27 (Modified)
Magnesium	QA-0245-2281	AOAC 984.27 (Modified)
Manganese	QA-0245-2281	AOAC 984.27 (Modified)
Molybdenum	QA-0245-2281	AOAC 984.27 (Modified)
Nickel	QA-0245-2281	AOAC 984.27 (Modified)
Phosphorus	QA-0245-2281	AOAC 984.27 (Modified)
Potassium	QA-0245-2281	AOAC 984.27 (Modified)
Selenium	QA-0245-2281	AOAC 984.27 (Modified)
Sodium	QA-0245-2281	AOAC 984.27 (Modified)
Sulfur	QA-0245-2281	AOAC 984.27 (Modified)
Tin	QA-0245-2281	AOAC 984.27 (Modified)
Zinc	QA-0245-2281	AOAC 984.27 (Modified)

Table 4
Insoluble, Soluble, and Total Dietary Fiber by Codex Definition

<u>Analyte</u>	<u>In-House Method</u>	<u>Reference Method</u>
Low Molecular Weight DF	AS-CC-002	AOAC 2011.25 (Modified)
High Molecular Weight IDF (Calculation)	AS-CC-002	-----
High Molecular Weight SDF (Calculation)	AS-CC-002	-----
Integrated TDF (Calculation)	AS-CC-002	-----
Low Molecular Weight DF	AS-CC-002	AOAC 2009.01 (Modified)
High Molecular Weight DF (Calculation)	AS-CC-002	-----
Integrated TDF (Calculation)	AS-CC-002	-----
Integrated TDF, Dry Basis (Calculation)	AS-CC-002	-----
TDF in Dried Defatted Desugared Sample (Calculation)	AS-CC-002	-----

Table 5
Pesticides by QuEChERS Extraction, GC/MS/MS

<u>Analyte</u>	<u>In-House Method</u>	<u>Reference Method</u>
Acephate	QA-0120-4000	EN1566 2
Acibenzolar-s-methyl	QA-0120-4000	EN1566 2
Alachlor	QA-0120-4000	EN1566 2
Aldrin	QA-0120-4000	EN1566 2
Allethrin/Bioallethrin	QA-0120-4000	EN1566 2
Allidochlor	QA-0120-4000	EN1566 2
Ametryn	QA-0120-4000	EN1566 2
Aminocarb	QA-0120-4000	EN1566 2
Aramite	QA-0120-4000	EN1566 2
Aspon	QA-0120-4000	EN1566 2
Atrazine	QA-0120-4000	EN1566 2
Atrazine-desethyl	QA-0120-4000	EN1566 2
Azinphos-ethyl	QA-0120-4000	EN1566 2
Azinphos-methyl	QA-0120-4000	EN1566 2
Benalaxyl	QA-0120-4000	EN1566 2
Benfluralin	QA-0120-4000	EN1566 2
Benodanil	QA-0120-4000	EN1566 2
Benzoylprop-ethyl	QA-0120-4000	EN1566 2
Bifenox	QA-0120-4000	EN1566 2
Bifenthrin	QA-0120-4000	EN1566 2
Biphenyl	QA-0120-4000	EN1566 2
Boscalid	QA-0120-4000	EN1566 2
Bromacil	QA-0120-4000	EN1566 2
Bromophos	QA-0120-4000	EN1566 2
Bromophos-ethyl	QA-0120-4000	EN1566 2
Bromopropylate	QA-0120-4000	EN1566 2
Bupirimate	QA-0120-4000	EN1566 2
Buprofezine	QA-0120-4000	EN1566 2
Butachlor	QA-0120-4000	EN1566 2
Butralin	QA-0120-4000	EN1566 2
Butylate	QA-0120-4000	EN1566 2
Captan and metabolites	QA-0120-4000	EN1566 2

Table 5 (Continued)
Pesticides by QuEChERS Extraction, GC/MS/MS

<u>Analyte</u>	<u>In-House Method</u>	<u>Reference Method</u>
Carbetamide	QA-0120-4000	EN1566 2
Carbofenthion	QA-0120-4000	EN1566 2
Carboxin	QA-0120-4000	EN1566 2
Chlorbenside	QA-0120-4000	EN1566 2
Chlorbufam	QA-0120-4000	EN1566 2
Chlordane (cis & trans)	QA-0120-4000	EN1566 2
Chlordimeform	QA-0120-4000	EN1566 2
Chlorfenapyr	QA-0120-4000	EN1566 2
Chlorfenson	QA-0120-4000	EN1566 2
Chlorfenvinphos-e	QA-0120-4000	EN1566 2
Chlorflurenol-methyl	QA-0120-4000	EN1566 2
Chlormephos	QA-0120-4000	EN1566 2
Chlorobenzilate	QA-0120-4000	EN1566 2
Chlorobromuron	QA-0120-4000	EN1566 2
Chloroneb	QA-0120-4000	EN1566 2
Chloropropylate	QA-0120-4000	EN1566 2
Chlorothalonil	QA-0120-4000	EN1566 2
Chlorpropham	QA-0120-4000	EN1566 2
Chlorpyriphos	QA-0120-4000	EN1566 2
Chlorpyriphos-methyl	QA-0120-4000	EN1566 2
Chlorthal-dimethyl	QA-0120-4000	EN1566 2
Chlorthion	QA-0120-4000	EN1566 2
Chlorthiophos	QA-0120-4000	EN1566 2
Chlozolate	QA-0120-4000	EN1566 2
Clomazone	QA-0120-4000	EN1566 2
Crotoxyphos	QA-0120-4000	EN1566 2
Crufomate	QA-0120-4000	EN1566 2
Cyanazine	QA-0120-4000	EN1566 2
Cyanophos	QA-0120-4000	EN1566 2
Cycloate	QA-0120-4000	EN1566 2
Cyfluthrin	QA-0120-4000	EN1566 2
Cyhalothrin-lambda	QA-0120-4000	EN1566 2

Table 5 (Continued)
Pesticides by QuEChERS Extraction, GC/MS/MS

<u>Analyte</u>	<u>In-House Method</u>	<u>Reference Method</u>
Cypermethrin	QA-0120-4000	EN1566 2
Cyprazine	QA-0120-4000	EN1566 2
Cyproconazole	QA-0120-4000	EN1566 2
Cyprodinil	QA-0120-4000	EN1566 2
DDD-op	QA-0120-4000	EN1566 2
DDD-pp	QA-0120-4000	EN1566 2
DDE-op	QA-0120-4000	EN1566 2
DDE-pp	QA-0120-4000	EN1566 2
DDT-op	QA-0120-4000	EN1566 2
DDT-pp	QA-0120-4000	EN1566 2
Deltamethrin	QA-0120-4000	EN1566 2
Demeton-o	QA-0120-4000	EN1566 2
Demeton-s	QA-0120-4000	EN1566 2
Demeton-s-methyl	QA-0120-4000	EN1566 2
Desmetryn	QA-0120-4000	EN1566 2
Diallate	QA-0120-4000	EN1566 2
Diazinon	QA-0120-4000	EN1566 2
Diazinon o-analogue	QA-0120-4000	EN1566 2
Dichlobenil	QA-0120-4000	EN1566 2
Dichlormid	QA-0120-4000	EN1566 2
Dichlorvos	QA-0120-4000	EN1566 2
Diclobutrazole	QA-0120-4000	EN1566 2
Diclofenthion	QA-0120-4000	EN1566 2
Diclofop-methyl	QA-0120-4000	EN1566 2
Dicloran	QA-0120-4000	EN1566 2
Dicofol	QA-0120-4000	EN1566 2
Dieldrin	QA-0120-4000	EN1566 2
Diethatyl-ethyl	QA-0120-4000	EN1566 2
Dimethachlor	QA-0120-4000	EN1566 2
Dioxathion	QA-0120-4000	EN1566 2
Diphenamid	QA-0120-4000	EN1566 2
Diphenylamine	QA-0120-4000	EN1566 2

Table 5 (Continued)
Pesticides by QuEChERS Extraction, GC/MS/MS

Analyte	In-House Method	Reference Method
Disulfoton	QA-0120-4000	EN1566 2
Disulfoton sulfone	QA-0120-4000	EN1566 2
Edifenphos	QA-0120-4000	EN1566 2
Endosulfan (alpha + beta)	QA-0120-4000	EN1566 2
Endosulfan sulfate	QA-0120-4000	EN1566 2
Endrin	QA-0120-4000	EN1566 2
EPN	QA-0120-4000	EN1566 2
EPTC	QA-0120-4000	EN1566 2
Erbon	QA-0120-4000	EN1566 2
Etaconazole-b	QA-0120-4000	EN1566 2
Ethalfuralin	QA-0120-4000	EN1566 2
Ethion	QA-0120-4000	EN1566 2
Ethofumasate	QA-0120-4000	EN1566 2
Ethoprophos	QA-0120-4000	EN1566 2
Ethylan	QA-0120-4000	EN1566 2
Etridiazol	QA-0120-4000	EN1566 2
Etrimfos	QA-0120-4000	EN1566 2
Fenamiphos	QA-0120-4000	EN1566 2
Fenamiphos sulfone	QA-0120-4000	EN1566 2
Fenamiphos sulfoxide	QA-0120-4000	EN1566 2
Fenarimol	QA-0120-4000	EN1566 2
Fenbuconazole	QA-0120-4000	EN1566 2
Fenchlorophos	QA-0120-4000	EN1566 2
Fenfuram	QA-0120-4000	EN1566 2
Fenitrothion	QA-0120-4000	EN1566 2
Fenpropathrin	QA-0120-4000	EN1566 2
Fenson	QA-0120-4000	EN1566 2
Fenthion	QA-0120-4000	EN1566 2
Fenvalerate	QA-0120-4000	EN1566 2
Fipronil	QA-0120-4000	EN1566 2
Flamprop-isopropyl	QA-0120-4000	EN1566 2
Flamprop-methyl	QA-0120-4000	EN1566 2

Table 5 (Continued)
Pesticides by QuEChERS Extraction, GC/MS/MS

<u>Analyte</u>	<u>In-House Method</u>	<u>Reference Method</u>
Fluchloralin	QA-0120-4000	EN1566 2
Fludioxonil	QA-0120-4000	EN1566 2
Flumetralin	QA-0120-4000	EN1566 2
Flurochloridone	QA-0120-4000	EN1566 2
Fluorodifen	QA-0120-4000	EN1566 2
Flusilazole	QA-0120-4000	EN1566 2
Fluvalinate-tau	QA-0120-4000	EN1566 2
Folpet	QA-0120-4000	EN1566 2
Fonofos	QA-0120-4000	EN1566 2
HCH-alpha	QA-0120-4000	EN1566 2
HCH-beta	QA-0120-4000	EN1566 2
HCH-delta	QA-0120-4000	EN1566 2
HCH-gamma (Lindane)	QA-0120-4000	EN1566 2
Heptachlor	QA-0120-4000	EN1566 2
Heptachlor epoxide-endo	QA-0120-4000	EN1566 2
Heptachlor epoxide-exo	QA-0120-4000	EN1566 2
Heptanophos	QA-0120-4000	EN1566 2
Hexachlorobenzene	QA-0120-4000	EN1566 2
Hexaconazole	QA-0120-4000	EN1566 2
Hexazinone	QA-0120-4000	EN1566 2
Imazalil	QA-0120-4000	EN1566 2
Iodofenphos	QA-0120-4000	EN1566 2
Iprobenfos	QA-0120-4000	EN1566 2
Iprodione	QA-0120-4000	EN1566 2
Isazophos	QA-0120-4000	EN1566 2
Isofenphos	QA-0120-4000	EN1566 2
Isopropalin	QA-0120-4000	EN1566 2
Isoprothiolane	QA-0120-4000	EN1566 2
Kresoxim-methyl	QA-0120-4000	EN1566 2
Leptophos	QA-0120-4000	EN1566 2
Malaoxon	QA-0120-4000	EN1566 2
Malathion	QA-0120-4000	EN1566 2

Table 5 (Continued)
Pesticides by QuEChERS Extraction, GC/MS/MS

<u>Analyte</u>	<u>In-House Method</u>	<u>Reference Method</u>
Mecarbam	QA-0120-4000	EN1566 2
Metalaxyl	QA-0120-4000	EN1566 2
Metazachlor	QA-0120-4000	EN1566 2
Methamidophos	QA-0120-4000	EN1566 2
Methoprotryne	QA-0120-4000	EN1566 2
Methoxychlor	QA-0120-4000	EN1566 2
Methyl pentachlorophenyl sulfide	QA-0120-4000	EN1566 2
Metolachlor	QA-0120-4000	EN1566 2
Metribuzin	QA-0120-4000	EN1566 2
Mevinphos	QA-0120-4000	EN1566 2
Mirex	QA-0120-4000	EN1566 2
Monolinuron	QA-0120-4000	EN1566 2
Myclobutanil	QA-0120-4000	EN1566 2
Nitrapyrin	QA-0120-4000	EN1566 2
Nitrofen	QA-0120-4000	EN1566 2
Nitrothal-isopropyl	QA-0120-4000	EN1566 2
Norflurazon	QA-0120-4000	EN1566 2
Nuarimol	QA-0120-4000	EN1566 2
Octhilinone	QA-0120-4000	EN1566 2
Omethoate	QA-0120-4000	EN1566 2
o-Phenyl phenol	QA-0120-4000	EN1566 2
Oxadiazon	QA-0120-4000	EN1566 2
Oxychlordane	QA-0120-4000	EN1566 2
Oxyflurofen	QA-0120-4000	EN1566 2
Paraoxon	QA-0120-4000	EN1566 2
Parathion	QA-0120-4000	EN1566 2
Parathion-methyl	QA-0120-4000	EN1566 2
Pebulate	QA-0120-4000	EN1566 2
Penconazole	QA-0120-4000	EN1566 2
Pendimethalin	QA-0120-4000	EN1566 2
Pentachlorobenzene	QA-0120-4000	EN1566 2
Pentachloroaniline	QA-0120-4000	EN1566 2

Table 5 (Continued)
Pesticides by QuEChERS Extraction, GC/MS/MS

<u>Analyte</u>	<u>In-House Method</u>	<u>Reference Method</u>
Pentachloronitrobenzene (Quintozene)	QA-0120-4000	EN1566 2
Permethrin (cis + trans)	QA-0120-4000	EN1566 2
Phenthoate	QA-0120-4000	EN1566 2
Phorate	QA-0120-4000	EN1566 2
Phorate sulfone	QA-0120-4000	EN1566 2
Phosalone	QA-0120-4000	EN1566 2
Piperonyl butoxide	QA-0120-4000	EN1566 2
Pirimicarb	QA-0120-4000	EN1566 2
Pirimiphos-ethyl	QA-0120-4000	EN1566 2
Pirimiphos-methyl	QA-0120-4000	EN1566 2
Prochloraz	QA-0120-4000	EN1566 2
Procymidone	QA-0120-4000	EN1566 2
Profenofos	QA-0120-4000	EN1566 2
Profluralin	QA-0120-4000	EN1566 2
Prometon	QA-0120-4000	EN1566 2
Prometryne	QA-0120-4000	EN1566 2
Pronamide	QA-0120-4000	EN1566 2
Propachlor	QA-0120-4000	EN1566 2
Propamocarb	QA-0120-4000	EN1566 2
Propanil	QA-0120-4000	EN1566 2
Propargite	QA-0120-4000	EN1566 2
Propazine	QA-0120-4000	EN1566 2
Propetamphos	QA-0120-4000	EN1566 2
Propham	QA-0120-4000	EN1566 2
Propiconazole	QA-0120-4000	EN1566 2
Prothiofos	QA-0120-4000	EN1566 2
Pyracarbolid	QA-0120-4000	EN1566 2
Pyrazophos	QA-0120-4000	EN1566 2
Pyridaben	QA-0120-4000	EN1566 2
Quinalphos	QA-0120-4000	EN1566 2
Quinomethionate	QA-0120-4000	EN1566 2
Sebumeton	QA-0120-4000	EN1566 2

Table 5 (Continued)
Pesticides by QuEChERS Extraction, GC/MS/MS

<u>Analyte</u>	<u>In-House Method</u>	<u>Reference Method</u>
Simazine	QA-0120-4000	EN1566 2
Simetryn	QA-0120-4000	EN1566 2
Sulfallate	QA-0120-4000	EN1566 2
Sulfotep	QA-0120-4000	EN1566 2
Sulprophos	QA-0120-4000	EN1566 2
Tebuconazole	QA-0120-4000	EN1566 2
Tecnazene	QA-0120-4000	EN1566 2
Terbacil	QA-0120-4000	EN1566 2
Terbufos	QA-0120-4000	EN1566 2
Terbumeton	QA-0120-4000	EN1566 2
Terbutryne	QA-0120-4000	EN1566 2
Terbutylazine	QA-0120-4000	EN1566 2
Tetrachlorvinphos	QA-0120-4000	EN1566 2
Tetradifon	QA-0120-4000	EN1566 2
Tetraiodoethylene	QA-0120-4000	EN1566 2
Tetramethrin	QA-0120-4000	EN1566 2
Tetrasul	QA-0120-4000	EN1566 2
Thiobencarb	QA-0120-4000	EN1566 2
Toclophos-methyl	QA-0120-4000	EN1566 2
Tolylfluanid	QA-0120-4000	EN1566 2
Tralomethrin	QA-0120-4000	EN1566 2
Triadimefon	QA-0120-4000	EN1566 2
Triallate	QA-0120-4000	EN1566 2
Triazophos	QA-0120-4000	EN1566 2
Tribufos	QA-0120-4000	EN1566 2
Trifloxystrobin	QA-0120-4000	EN1566 2
Triflumizole	QA-0120-4000	EN1566 2
Trifluralin	QA-0120-4000	EN1566 2
Vernolate	QA-0120-4000	EN1566 2
Vinclozolin	QA-0120-4000	EN1566 2

Table 6
Pesticides by QuEChERS Extraction, LC/MS/MS

<u>Analyte</u>	<u>In-House Method</u>	<u>Reference Method</u>
Acetamiprid	QA-0120-4000	EN1566 2
Aldicarb	QA-0120-4000	EN1566 2
Aldicarb sulfone	QA-0120-4000	EN1566 2
Aldicarb sulfoxide	QA-0120-4000	EN1566 2
Azoxystrobin	QA-0120-4000	EN1566 2
Bendiocarb	QA-0120-4000	EN1566 2
Bensulide	QA-0120-4000	EN1566 2
Bufencarb	QA-0120-4000	EN1566 2
Carbaryl	QA-0120-4000	EN1566 2
Carbofuran	QA-0120-4000	EN1566 2
Chlorfenvinphos-z	QA-0120-4000	EN1566 2
Chloridazon	QA-0120-4000	EN1566 2
Chlorthiamid	QA-0120-4000	EN1566 2
Coumaphos	QA-0120-4000	EN1566 2
Cyromazine	QA-0120-4000	EN1566 2
Diclofluanid	QA-0120-4000	EN1566 2
Dicrotophos	QA-0120-4000	EN1566 2
Dimethoate	QA-0120-4000	EN1566 2
Dimethomorph	QA-0120-4000	EN1566 2
Dinitramine	QA-0120-4000	EN1566 2
Dioxacarb	QA-0120-4000	EN1566 2
Esfenvalerate	QA-0120-4000	EN1566 2
Fenamidone	QA-0120-4000	EN1566 2
Fenhexamid	QA-0120-4000	EN1566 2
Fenpropimorph	QA-0120-4000	EN1566 2
Fensulfothion	QA-0120-4000	EN1566 2
3-Hydroxycarbofuran	QA-0120-4000	EN1566 2
Indoxacarb	QA-0120-4000	EN1566 2
Isoprocarb	QA-0120-4000	EN1566 2
Linuron	QA-0120-4000	EN1566 2
Methidathion	QA-0120-4000	EN1566 2
Methiocarb	QA-0120-4000	EN1566 2

Table 6 (Continued)
Pesticides by QuEChERS Extraction, LC/MS/MS

<u>Analyte</u>	<u>In-House Method</u>	<u>Reference Method</u>
Methiocarb sulfoxide	QA-0120-4000	EN1566 2
Methomyl	QA-0120-4000	EN1566 2
Methyl-trithion	QA-0120-4000	EN1566 2
Metobromuron	QA-0120-4000	EN1566 2
Mexacarbate	QA-0120-4000	EN1566 2
Molinate	QA-0120-4000	EN1566 2
Monocrotophos	QA-0120-4000	EN1566 2
Oxadixyl	QA-0120-4000	EN1566 2
Oxamyl	QA-0120-4000	EN1566 2
Oxycarboxin	QA-0120-4000	EN1566 2
Oxydemeton-methyl	QA-0120-4000	EN1566 2
Phosmet	QA-0120-4000	EN1566 2
Phosphamidon	QA-0120-4000	EN1566 2
Promecarb	QA-0120-4000	EN1566 2
Propoxur	QA-0120-4000	EN1566 2
Pymetrozine	QA-0120-4000	EN1566 2
Pyraclostrobin	QA-0120-4000	EN1566 2
Pyriproxifen	QA-0120-4000	EN1566 2
TCMTB	QA-0120-4000	EN1566 2
Thiabendazole	QA-0120-4000	EN1566 2
Thiodicarb	QA-0120-4000	EN1566 2
Thionazin	QA-0120-4000	EN1566 2
Triadimenol	QA-0120-4000	EN1566 2
Tricyclazole	QA-0120-4000	EN1566 2

Table 7
Sugars in Foods by HPLC

<u>Analyte</u>	<u>In-House Method</u>	<u>Reference Method</u>
Erythritol	QA-0235-4601	AOAC 982.14 (Modified)
Fructose	QA-0235-4601	AOAC 982.14 (Modified)
Galactose	QA-0235-4601	AOAC 982.14 (Modified)
Glucose	QA-0235-4601	AOAC 982.14 (Modified)
Glycerol	QA-0235-4601	AOAC 982.14 (Modified)
Lactitol	QA-0235-4601	AOAC 982.14 (Modified)
Lactose	QA-0235-4601	AOAC 982.14 (Modified)
Maltitol	QA-0235-4601	AOAC 982.14 (Modified)
Maltose	QA-0235-4601	AOAC 982.14 (Modified)
Mannitol	QA-0235-4601	AOAC 982.14 (Modified)
Sorbitol	QA-0235-4601	AOAC 982.14 (Modified)
Sucrose	QA-0235-4601	AOAC 982.14 (Modified)
Xylitol	QA-0235-4601	AOAC 982.14 (Modified)
Total Sugar Alcohols (Calculated sum of Maltitol, Mannitol, Sorbitol, Xylitol, Glycerol, Lactitol, Erythritol)	QA-0235-4601	-----
Total Sugars (Calculated sum of Fructose, Glucose, Sucrose, Maltose, Lactose)	QA-0235-4601	-----



Accredited Laboratory

A2LA has accredited

SILLIKER, INC. DBA MÉRIEUX NUTRISCIENCES CRETE - ANALYTICAL LABORATORY

Crete, IL

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of A2LA R204 – *Specific Requirements – Food and Pharmaceutical Testing Laboratory Accreditation Program*. 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).



Presented this 17th day of April 2024.

A blue ink signature of Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1105.15
Valid to March 31, 2026

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