



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

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

This is to certify that

Exact Scientific Services, Inc.
1355 Pacific Place, Ste. 101
Ferndale, WA 98248

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-1754

Certificate Number



ANAB Approval

Certificate Valid: 12/07/2010-01/29/2019
Version No. 005 Issued: 12/07/2017



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 April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Exact Scientific Services, Inc.

1355 Pacific Place, Ste. 101

Ferndale, WA 98248

Kent Oostra, Owner

Quality Manager: Amber Stoner

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TESTING

Valid to: **January 29, 2019**

Certificate Number: **AT-1754**

Microbial

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Standard Plate Count	ESS 2.2.1 Based on AOAC, FDA BAM, APHA CMMEF	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients Environmental Swabs	Pour Plate
Coliforms / <i>E. coli</i>	ESS 2.2.11 Based on AOAC, FDA BAM, APHA CMMEF	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients Environmental Swabs	Multiple Tube Fermentation
<i>Staphylococcus aureus</i>	ESS 2.2.3 Based on AOAC, APHA CMMEF	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients Environmental Swabs	Spread plate
<i>Bacillus cereus</i>	ESS 2.2.7 Based on AOAC, APHA CMMEF	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients Environmental Swabs	Spread plate
Yeast/Mold	ESS 2.2.5 Based on AOAC	Processed Foods Food & Feed Ingredients Environmental Swabs	Petrifilm

Microbial

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
<i>Salmonella</i> species	ESS 2.2.6 Based on AOAC	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients Environmental Swabs	Real Time PCR System
<i>Listeria</i> species	ESS 2.2.14 Based on AOAC	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients Environmental Swabs	Real Time PCR System
<i>Listeria monocytogenes</i>	ESS 2.2.16 Based on AOAC	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients Environmental Swabs	Real Time PCR System
<i>E. coli</i> STEC	ESS 2.2.12 Based on AOAC	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients Environmental Swabs	Real Time PCR System
<i>E. coli</i> O157:H7	ESS 2.2.15 Based on AOAC	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients Environmental Swabs	Real Time PCR System
<i>Cronobacter sakazakii</i>	ESS 2.2.8 Based on AOAC	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients Environmental Swabs	Real Time PCR System
Microbial Enumeration Tests	ESS 2.3.5 Based on USP	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	Spread Plate/Pour Plate
<i>Enterobacteriaceae</i>	ESS 2.2.29 Based on APHA CMMEF	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	Spread Plate / Pour Plate
Microbial Procedure for Absence of Specified Microorganisms	ESS 2.3.6 Based on USP	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	Spread Plate Selective Agar Multiple Tube Fermentation

Microbial

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Coliform and <i>Escherichia Coliform</i>	ESS 2.2.17 Based on AOAC	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	Pour Plate
<i>Enterobacteriaceae</i>	ESS 2.2.30 Based on APHA CMMEF	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	MTF
<i>E. coli</i> O157:H7	ESS 2.2.31 Based on AOAC	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	Lateral Flow
Yeast/Mold 48hr	ESS 2.2.4 Based on AOAC	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	Spread Plate
Shigella	ESS 2.2.24 Based on FDA BAM, APHA CMMEF	Dietary Supplements Processed Foods Food & Feed Ingredients	Negative per X grams Negative per Swab Spread Plate Selective Agar
Vibrio	ESS 2.2.23 Based on FDA BAM, APHA CMMEF	Dietary Supplements Processed Foods Food & Feed Ingredients	Negative per X grams Negative per Swab Spread Plate Selective Agar
<i>E. coli</i>	ESS 2.1.6 Based on SM 9223B	Dietary Supplements Processed Foods Food & Feed Ingredients Drinking and Surface Water	Quanti-Tray

Chemical / Nutritional

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Minerals / Metals	ESS 3.2.1.200 Based on AOAC, USP, EPA	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	ICP/MS
Fatty Acids	ESS 3.1.8.201 Based on AOCS, AOAC, USP	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	GC/FID

Chemical / Nutritional

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Protein	ESS 3.3.3.205 Based on AOAC, FSIS, ISO	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	LECO Truspec Nitrogen Analyzer
Fat	ESS 3.3.6.205 Based on AOAC	Dietary Supplements Processed Foods Food & Feed Ingredients	Gravimetric
Moisture	ESS 3.3.6.303 Based on AOAC, USP	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	Oven Gravimetric
Ash	ESS 3.3.6.305 Based on AOAC, USP	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	Muffle Furnace Gravimetric
Peroxide Value	ESS 3.3.6.211 Based on AOAC, USP, AOCs	Dietary Supplements Processed Foods Food & Feed Ingredients	Titration
p-Anisidine	ESS 3.3.19.200 Based on AOCS	Dietary Supplements Processed Foods Food & Feed Ingredients	Spectrophotometer
Free Fatty Acids	ESS 3.3.15.206 Based on AOCS	Dietary Supplements Processed Foods Food & Feed Ingredients	Titration
Salt Content	ESS 3.3.6.230 Based on AOAC	Dietary Supplements Processed Foods Food & Feed Ingredients	Titration
Insoluble, Soluble and Total Dietary Fiber	ESS 3.3.6.214 Based on AOAC 991.43	Dietary Supplements Processed Foods Food & Feed Ingredients	Gravimetric
Cholesterol	ESS 3.1.8.200 Based on AOAC	Dietary Supplements Processed Foods Food & Feed Ingredients	GC/FID
GMO 4plex 35S/Nos/FMV+IAC	ESS 2.11.17	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	Real Time PCR System
Melamine	ESS 2.10.33	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	ELISA

Chemical / Nutritional

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Ruminant-by-products Beef/Sheep/Goat+IAAC	ESS 2.11.12	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	Real Time PCR System
Vitamin B12 (Cyanocobalamin)	ESS 2.11.18 Based on AOAC, USP	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	Microtiter Plate Microbiological
Vitamin B1	ESS 6.2.5 Based on AOAC, USP	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	Microtiter Plate Microbiological
Vitamin B2	ESS 6.2.4 Based on AOAC, USP	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	Microtiter Plate Microbiological
Vitamin B3	ESS 6.2.10 Based on AOAC, USP	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	Microtiter Plate Microbiological
Vitamin B5	ESS 6.2.3 Based on AOAC, USP	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	Microtiter Plate Microbiological
Vitamin B6	ESS 6.2.11 Based on AOAC, USP	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	Microtiter Plate Microbiological
Vitamin B7	ESS 6.2.2 Based on AOAC, USP	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	Microtiter Plate Microbiological
Vitamin B9	ESS 6.2.9 Based on AOAC, USP	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	Microtiter Plate Microbiological
Vitamin C	ESS 3.1.7.206 Based on AOAC, USP	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	HPLC

Chemical / Nutritional

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Vitamin E	ESS 3.1.7.205 Based on AOAC, USP	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	HPLC
CoQ10	ESS 3.4.7.220 Based on USP	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	HPLC
Vitamin D	ESS 3.4.7.205	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	HPLC
Glucoraphanin	ESS 3.1.7.210 Proprietary Method	Plant Seeds	HPLC
Sugars	ESS 3.1.7.207	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	HPLC
Allergen: Gluten	ESS 6.2.6 Based on AOAC	Dietary Supplements Processed Foods Food & Feed Ingredients	ELISA
Aflatoxin	ESS 6.2.1 Based on AOAC	Dietary Supplements Botanicals Processed Foods Food & Feed Ingredients	ELISA
Antibiotic: Malachite Green	ESS 2.10.19	Fish, Shrimp, Fish/Shrimp feed Fish Oil Water from Fish Farms/Ponds	ELISA
Antibiotic: Fluoroquinolones	ESS 2.10.22	Fish, Shrimp, Fish/Shrimp feed Fish Oil Water from Fish Farms/Ponds	ELISA
Testing of Plant and Plant Product for Pathogens	Serological	Plants and Plant Products	ELISA
Testing of Plant and Plant Product for Pathogens	Molecular	Plants and Plant Products	PCR
Meta-Genomic DNA Sequencing	ESS 6.2.8	Bacteria Fish Botanicals Environmental Swabs	DNA Sequencer

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1754.



Vice President

