



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

MEDALLION LABS
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Minneapolis MN 55427
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CHEMICAL

Valid To: June 30, 2019

Certificate Number: 2769.01

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 2015 "AOAC *International 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 foods and food ingredients:

<u>Test Type/Technology</u>	<u>Internal Test Method(s)</u>	<u>Standard Test Method(s)</u>
<u>Wet Chemistry</u>		
Ash by Gravimetric Assay	MED-QL 567	AOAC 923.03
Dietary Fiber (Insoluble, Soluble and Total) by Gravimetric Analysis	MED-QL 514	AOAC 991.43 (Modified)
Free Fatty Acids by Titration	MED-QL 513	AOCS Ca 5a-40
Moisture by Gravimetric Analysis – Forced Air Oven	MED-QL 553	AOAC 926.07, 925.10 (Modified), 950.46 (Modified), 931.04 (Modified), 935.29 (Modified); AACC 44-15A, 44-31(Modified)
Moisture by Gravimetric Analysis – Vacuum Oven	MED-QL 555	AOAC 926.08, 977.21 (Modified), 934.06, 927.05, 934.01 (Modified), 925.09, 969.38, 925.40, 930.04, 931.04, 945.43 (Modified); AACC 44-15A, 44-40
Peroxide Value by Titration	MED-QL 534	AOAC 965.33; AOCS Cd 8-53
Protein by Combustion	MED-QL 532	AOAC 992.15; AACC 46-30
Total Fat by Acid Hydrolysis	MED-QL 510	AOAC 922.06, 948.15, 925.32, 950.54, 920.115f, 932.06, 922.09, 952.06, 989.05; 933.05 (Modified)

<u>Test Type/Technology</u>	<u>Internal Test Method(s)</u>	<u>Standard Test Method(s)</u>
<u>Chromatography</u>		
Fats and Cholesterol by GC	MED-QL 511	AOAC 996.06, 976.26 (Modified)
Folates by UPLC/MS	MED-QL 516	AOAC 2011.06
Pesticides by QuEChERS – Mass Spectrometry	MED-QL 535, MED-QL 594	AOAC 2007.01 (Modified)
Sugars by UPLC/HPLC	MED-QL 541, MED-QL 590	AOAC 977.20 (Modified)
Vitamins A & E by HPLC	MED-QL 551	AOAC 2001.13; AACC 86-06
Vitamin D by HPLC	MED-QL 550	AOAC 2002.05 (Modified)
Vitamin D by UPLC MS/MS	MED-QL 587	AOAC 2011.12
<u>ICP</u>		
Mercury in Solids and Solutions by Thermal Decomposition, Amalgamation, and Atomic Absorption Spectrophotometry	MED-QL 574	EPA Method 7473
Minerals by ICP (Ca, Cu, Fe, Mg, Mn, P, K, Na, Zn)	MED-QL 575, MED-QL 591	AOAC 975.03, 985.01, 984.27, 2011.14
Trace Mineral Analysis in Foods, Beverages, and Nutraceuticals by Microwave Digestion and ICP MS	MED-QL 588	AOAC 993.14 (Modified)
<u>Spectrophotometric</u>		
Beta Glucan by Spectrophotometry	MED-QL 561	AOAC 995.16
Vitamin B1 and B2 by Fluorometric Analysis	MED-QL 548	AOAC 981.15, 942.23, 970.65 (Modified)
Vitamin C by Fluorometric Analysis	MED-QL 552	AOAC 967.22, 984.26 (Modified)



<u>Test Type/Technology</u>	<u>Internal Test Method(s)</u>	<u>Standard Test Method(s)</u>
<u>Miscellaneous Chemistry</u>		
Oxidative Stability Index by OSI	MED-QL 578	AOCS Cd 12b-92
<u>Turbidimetric Microbiological Assay</u>		
Gluten by ELISA	MED-QL 563	AOAC 2012.01 (Modified)
Niacin	MED-QL 524	AOAC 960.46, 944.13
Pantothenic Acid	MED-QL 527	AOAC 960.46, 945.74, 992.07
Vitamin B6	MED-QL 549	AOAC 960.46, 961.15 (Modified), 985.32 (Modified)
Vitamin B12	MED-QL 565	AOAC 952.20, 986.23





Accredited Laboratory

A2LA has accredited

MEDALLION LABS

Minneapolis, MN

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 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 8 January 2009*).



Presented this 15th day of September 2017.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 2769.01
Valid to June 30, 2019

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