



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

MEDALLION LABS  
9000 Plymouth Avenue North  
Minneapolis MN 55427  
Sandy Zinn Phone: 763 764 8195

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>
<b><u>Wet Chemistry</u></b>		
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 604	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>
<b><u>Chromatography</u></b>		
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 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
<b><u>ICP</u></b>		
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)
<b><u>Spectrophotometric</u></b>		
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>
<b><u>Miscellaneous Chemistry</u></b>		
Oxidative Stability Index by OSI	MED-QL 578	AOCS Cd 12b-92
<b><u>Turbidimetric Microbiological Assay</u></b>		
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 15<sup>th</sup> 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.*