



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CHESTNUT LABS
2835 N. Oak Grove Avenue
Springfield MO 65803
John Dzubak Phone: 417-829-3797

CHEMICAL

Valid To: June 30, 2021

Certificate Number: 2552.02

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 2018 "AOAC International Accreditation 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 food and dairy products:

Test	In-House Method	Reference Method(s)
<u>Ash, Gravimetric</u>		
Cheese	6019	AOAC 935.42
Dried Milk Product	6020	AOAC 930.30
<u>Elemental Analysis</u>		
Elemental Analysis by ICP-OES (Na, K, Ca, Mg, Mn, Fe, P, Cu)	6041	AOAC 984.27 (Modified)
<u>Fat</u>		
Ether Extraction- Dairy Products	6010	SMEDP Ch. 15
Ether Extraction with Acid Hydrolysis- Cheese	6016	AOAC 933.05
<u>Kjeldahl</u>		
Nitrogen and Total Protein- Milk Products	6001 PRO	AOAC 991.20
Total Protein- Pet Foods	6001 PRO FEED	AOAC 984.13
<u>Moisture</u>		
Forced Air Oven- Cheese	6004	SMEDP Ch. 15
Ohaus Moisture Analyzer- Cheese	6024	Ohaus MB 45
Vacuum Oven- Dried Milk Products	6002	AOAC 927.05
<u>pH</u>		
pH Determination	6013	SMEDP Ch. 15
<u>Salt and Chloride</u>		
Salt Determination by the Mettler Titrator	6022	AOAC 983.14



Accredited Laboratory

A2LA has accredited

CHESTNUT LABS

Springfield, MO

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 *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 26th day of June 2019.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2552.02
Valid to June 30, 2021

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