



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

HEARTLAND ASSAYS, LLC
2711 South Loop Drive, Suite 4400
Ames, IA 50010
Dr. John Rathmacher Phone: 515 296 4169

CHEMICAL

Valid To: January 31, 2020

Certificate Number: 3969.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following test on human specimens, plasma, serum, urine, food, mushrooms, and feed/premix:

<u>Test</u>	<u>In-House Method</u>
β -Hydroxy- β -methylbutyrate (HMB) Analysis using Gas Chromatography/Mass Spectrometry	Internal Procedure P-MTI-110 HMB
Vitamin D in Complex Matrices using High Pressure Liquid Chromatography	Internal Procedure P-144 Vitamin D in Complex Matrices



Accredited Laboratory

A2LA has accredited

HEARTLAND ASSAYS, LLC

Ames, IA

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 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 5th day of December 2017.

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

President and CEO
For the Accreditation Council
Certificate Number 3969.01
Valid to January 31, 2020
Revised July 30, 2018

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