THE AMERICAN ASSOCIATION FOR LABORATORY ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

MICROBAC LABORATORIES, INC
HAUSER LABORATORIES DIVISION
Boulder, CO

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 18 June 2005*).

Presented this 7th day of August 2007.

President
For the Accreditation Council
Certificate Number 18.01
Valid to June 30, 2009

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

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

MICROBAC LABORATORIES, INC.
HAUSER LABORATORIES DIVISION
4750 Nautilus Court South, Unit A
Boulder, CO 80301
Steve Ferry Phone: 720 406 4800

CHEMICAL

Valid To: June 30, 2009 Certificate Number: 0018.01

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 contained within "*AOAC International Guidelines for Laboratories Performing Microbiological and Chemical Analyses of Food and Pharmaceuticals"*), accreditation is granted to this laboratory to perform the following tests or types of tests on adhesives/sealants, coatings, composites, cosmetics/toiletries/perfume, detergents/soaps, lubricants, metals, paints/pigments/related surface coatings, petroleum products (crude oils/fuels/lubricants), pickling and plating solutions, dietary supplements, plastics/polymers, building materials, pharmaceuticals, and a variety of food/feed matrices:

GENERAL TESTING

Test Method	Test
ASTM E334	Practices for General Techniques of Infrared Microanalysis
ASTM E1508	Guide for Quantitative Analysis by Energy-Dispersive Spectroscopy (Semi Quantitative)
USP (621)	Chromatography-High Pressure Liquid Chromatography

PAINTS AND ADHESIVES

Test Method	Test
ASTM D2369	Test Method for Volatile Content of Coatings
ASTM D4017	Test Method for Water in Paint and Paint Materials by Karl-Fischer Method
ASTM E203	Test Method for Water Using Karl-Fischer Reagent

PETROLEUM TESTING

Test Method	Test
ASTM D56	Test Method for Flash Point by Tag Closed Tester
ASTM D92	Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester
ASTM D93	Test for Flash Point by Pensky-Martens Closed Cup Tester
ASTM D381	Test Method for Existent Gum in Fuels by Jet Evaporation
ASTM D445	Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (room temperature and above)
ASTM D482	Test Method for Ash from Petroleum Products
ASTM D1298	Test Method for Density, Relative Density, and Specific Gravity of Crude Petroleum and Liquid Petroleum Products by Hydrometer Test

FOOD TESTING

Test Method	Test
AOAC 920.153	Ash in Meat and Meat Products
AOAC 942.05	Ash in Feed and Food
AOAC 960.39	Fat in Meat and Meat Products
AOAC 945.44	Fat (Acid Hydrolysis)
AOAC 996.06	Fat (Total Saturated and Unsaturated) in Foods
AOAC 950.46	Moisture in Meat and Meat Products
AOAC 930.15	Moisture in Feed and Food
AOAC 992.15	Protein in Meat and Meat Products
AOAC 990.03	Protein in Feed
AOAC 992.23	Protein in Cereal, Grains and Food
AOAC 967.22	Vitamin C (Total) in Vitamin Preparations: Microfluorometric Method
AOAC 978.18B(c)	Water Activity
HL 7014	Determination of the Sugar Content in Foods by HPLC
HL 7017	Determination of Cholesterol in Foods

DIETARY SUPPLEMENTS

Test Method	Test
HL 0637	Determination of the Loss on Drying of Solid Samples
HL 1865	Determination of Total Capsaicinoids by High-Performance Liquid Chromatography
HL 4108	Bilberry Assay by UV-VIS Spectrophotometry
HL 4129	Determination of the Concentration of Rb_1, Rg_1, Re, Rc, and R_d in *Panax Ginseng* Product by HPLC (Alternate Method)
HL 4130	Determination of the Concentration of Gingko Flavone Glycosides in *Gingko Biloba* Products by HPLC
HL 4138	Determination of the Concentration of Glucosamine Freebase in Pure Materials and Finished Products by HPLC
HL 4233	Determination of the Concentration of Ginkgo Terpene Lactones in *Ginkgo Biloba* Products by HPLC-RI
HL 4267	Determination of Total Valerenic Acids by HPLC