



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

INTERTEK – CALEB BRETT ECUADOR S.A.
Complejo Comercial Plaza Sai Baba III
Av. Durán Tambo, Km 4 ½ (Frente a Plastigama)
Pasillo 2, Bodega 188 – 189 CP: 092407
Durán, Ecuador
Eduardo Wendt Phone: +593 4 501 7777
Email: eduardo.wendt@intertek.com

BIOLOGICAL

Valid to: July 31, 2024

Certificate Number: 4965.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests under the matrices listed:

Animal feed, fish feed, pet food, and animal feeding stuff:

<u>Test</u>	<u>Test Method</u>
Aerobic Mesophilic (Colony count, pour plate)	ISO 4833-1
<i>Escherichia coli</i> (Colony count)	ISO 16649-2
<i>Salmonella</i> in Animal Feed and Pet Food (Identification)	ISO 6579-1
<i>Salmonella</i> in Animal Feed and Pet Food (PCR)	AOAC 2003.09
<i>Shigella</i> in Animal Feed and Pet Food (Identification)	ICMSF (Pages 181-187)

Food: Juice, dairy, fish and seafood (raw and processed), canned food, frozen food, and animal feed:

<u>Test(s)</u>	<u>Test Method</u>
Aerobic Mesophilic (Petrifilm)	AOAC 2015.13
Enterobacteriaceae (Petrifilm)	ILT/146/LAB (Reference method AOAC 2003.01)
Fecal Coliforms (<i>Escherichia coli</i> count) and <i>E. coli</i> (Petrifilm)	ILT/143/LAB (Reference method AOAC 998.08)
<i>Listeria</i> spp. and <i>L. monocytogenes</i> (Identification)	ISO 11290-1
Molds and Yeast (Petrifilm)	AOAC 2014.05
<i>Staphylococcus aureus</i> (Petrifilm)	ILT/147/LAB (Reference method AOAC 2003.07)
Total Coliforms (Petrifilm)	ILT/143/LAB (Reference method AOAC 991.14)

<u>Test(s)</u>	<u>Test Method</u>
White Spot Syndrome Virus (WSSV) in Shrimp by PCR	IQ Plus WSSV

Food: fish and seafood:

<u>Test</u>	<u>Test Method</u>
Aerobic Mesophilic (Colony count)	ILT/170/LAB (Reference method on AOAC 966.23)
<i>Escherichia coli</i> (Colony count)	ISO 16649-2
<i>Salmonella</i> in Animal Feed and Pet Food (Identification)	ISO 6579-1

Water:

<u>Test</u>	<u>Test Method</u>
<i>E. coli</i> by Membrane Filtration	SMWW 9222J
Fecal Coliforms by Membrane Filtration	SMWW 9222D
Total Coliforms by Membrane Filtration	SMWW 9222B





Accredited Laboratory

A2LA has accredited

INTERTEK – CALEB BRETT ECUADOR S.A.

Durán, ECUADOR

for technical competence in the field of

Biological 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 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 16th day of August 2022.



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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4965.02
Valid to July 31, 2024

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



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CHEMICAL

Valid to: July 31, 2024

Certificate Number: 4965.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests under the matrices listed:

Animal feed, fish feed, pet food, meal of animal origin, and animal feeding stuff:

<u>Test</u>	<u>Test Method(s)</u>
Ash Gravimetric Method Using Conventional Furnace	AOAC 942.05
Cadmium and Lead (Furnace AA)	ILT-138-LAB; ILT-151-LAB; (Reference Method AOAC 999.10)
Crude Fiber (Gravimetric)	AOCS Ba 6-84
Crude Protein	AOAC 984.13
Ethoxyquin	AOAC 996.13
Fat (Crude)	INEN 466/Regulation (CE) 152/2009
Fluoride (Ion Selective)	AOAC 975.08
Free Fatty Acid (Volumetric Titration of Extracted Fat)	AOCS Ca 5a-40
Histamine (HPLC)	NCh2637.Of 2001
Moisture	Regulation (CE) 152/2009
Peroxide Index (Volumetric Titration)	ILT-139-LAB (Reference Method AOCS Cd 8b-90)

<u>Test</u>	<u>Test Method(s)</u>
Phosphorus (Spectrometric)	AOAC 965.17
Salt (Volumetric Titration)	AOAC 937.09
Sand/Silica (Gravimetric)	INEN 469:2012
Total Volatile Basic Nitrogen (Distillation from MgO)	ILT-121-LAB (Reference Method AOAC 920.03)
Determination of Pepsin Digestibility	ILT-169-LAB (Reference Method IFOMA, International Fishmeal and Oil Manufacturers Association; Ring Test for Determination of Pepsin Digestibility in Fish meal)
Determination of Water-Soluble Proteins	ILT-123-LAB (Reference Method AOCS Ba- 10a-09)

Vegetable flour, grains and seeds:

<u>Test</u>	<u>Test Method(s)</u>
Ash Gravimetric Method Using Conventional Furnace	ILT-116-LAB (Reference Method AOCS Ba 5a-49)
Crude Fiber (Gravimetric)	ILT-122-LAB (Reference Method AOCS Ba 6-84)
Crude Protein	ILT-114-LAB (Reference Method AOAC 984.13)
Fat (Crude)	ILT-117-LAB (Reference Method AOCS Ba 3-38)
Moisture	ILT-115-LAB (Reference Method Regulation (CE) 152/2009)



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Durán, ECUADOR

for technical competence in the field of

Chemical Testing

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Presented this 16th day of August 2022.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4965.01
Valid to July 31, 2024

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