



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

IEH Laboratories and Consulting Group
2602 N. Sunnyside Ave.
Fresno, CA 93727

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 02 July 2022

Certificate Number: AT-1692



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
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).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

IEH Laboratories and Consulting Group

2602 N. Sunnyside Ave.
Fresno, CA 93727

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TESTING

Valid to: **July 2, 2022**

Certificate Number: **AT-1692**

Microbiological

| Specific Tests and/or Properties Measured | Specification, Standard, Method, or Test Technique | Items, Materials or Product Tested | Key Equipment or Technology |
|---|--|---|-----------------------------|
| <i>E. coli O157</i> ; EHEC; STEC | MB217.01 AOAC RI PTM 100701 | Food, RTE foods (meats, dairy, produce, salads, cereals), raw meats, poultry, seafood, mixed leafy greens, green onions, fruits, seeds, grains, nuts and their derivatives, spices, swabs, water, animal food and feeds | PCR System |
| Salmonella sp. | MB217.01 AOAC RI PTM 100701 | Food, RTE foods (meats, dairy, produce, salads, cereals), raw meats, poultry, seafood, mixed leafy greens, green onions, fruits, seeds, grains, nuts and their derivatives, spices, swabs, water, animal food and feeds | PCR System |
| Salmonella sp. | MB315.01 | Food, RTE foods (meats, dairy, produce, salads, cereals), raw meats, poultry, seafood, mixed leafy greens, green onions, fruits, seeds, grains, nuts and their derivatives, spices, swabs, water, animal food and feeds | PCR System |



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| Listeria sp. and <i>L. monocytogenes</i> | MB316.01 AOAC RI PTM 021201 | Food, RTE foods (meats, dairy, produce, salads, cereals), raw meats, poultry, seafood, mixed leafy greens, green onions, fruits, seeds, grains, nuts and their derivatives, spices, swabs, water, animal food and feeds | PCR System |
| Process Control Index | MB491.01 | Food, RTE foods (meats, dairy, produce, salads, cereals), raw meats, poultry, seafood, mixed leafy greens, green onions, fruits, seeds, grains, nuts and their derivatives, spices, swabs, water, animal food and feeds | PCR System |
| Aerobic Plate Count | MB073.02 AOAC 990.12 | Food, RTE foods (meats, dairy, produce, salads, cereals), raw meats, poultry, seafood, mixed leafy greens, green onions, fruits, seeds, grains, nuts and their derivatives, spices, swabs, water, animal food and feeds | Petriefilm |
| Aerobic Plate Count | MB073.01 AOAC 966.23; FDA BAM Ch. 3 | Food, RTE foods (meats, dairy, produce, salads, cereals), raw meats, poultry, seafood, mixed leafy greens, green onions, fruits, seeds, grains, nuts and their derivatives, spices, swabs, water, animal food and feeds | Agar Plate |
| Aerobic Plate Count | MB073.06 | Food, RTE foods (meats, dairy, produce, salads, cereals), raw meats, poultry, seafood, mixed leafy greens, green onions, fruits, seeds, grains, nuts and their derivatives, spices, swabs, water, animal food and feeds | Microfilm |



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|---|--|---|-----------------------------|
| Total Coliform / <i>E. coli</i> | MB072.01 AOAC 991.14; AOAC 998.08 | Food, RTE foods (meats, dairy, produce, salads, cereals), raw meats, poultry, seafood, mixed leafy greens, green onions, fruits, seeds, grains, nuts and their derivatives, spices, swabs, water, animal food and feeds | Petrifilm |
| Total Coliform / <i>E. coli</i> | MB072.04 | Food, RTE foods (meats, dairy, produce, salads, cereals), raw meats, poultry, seafood, mixed leafy greens, green onions, fruits, seeds, grains, nuts and their derivatives, spices, swabs, water, animal food and feeds | Microfilm |
| Total Coliform / Generic <i>E. coli</i> | MB923.03 FDA BAM; AOAC 966.24 | Food, RTE foods (meats, dairy, produce, salads, cereals), raw meats, poultry, seafood, mixed leafy greens, green onions, fruits, seeds, grains, nuts and their derivatives, spices, swabs, water, animal food and feeds | MPN |
| Total Coliform / <i>E. coli</i> | MB072.02 FDA BAM Ch. 4; CMMEF 4th Ed Ch. 4 | Food, RTE foods (meats, dairy, produce, salads, cereals), raw meats, poultry, seafood, mixed leafy greens, green onions, fruits, seeds, grains, nuts and their derivatives, spices, swabs, water, animal food and feeds | Agar Plate |
| Yeast & Mold Count | MB074.01 FDA BAM, Ch. 18, 8th ed. | Food, RTE foods (meats, dairy, produce, salads, cereals), raw meats, poultry, seafood, mixed leafy greens, green onions, fruits, seeds, grains, nuts and their derivatives, spices, swabs, water, animal food and feeds | Agar Plate |



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|---|---|---|-----------------------------|
| Yeast & Mold Count | MB074.02 AOAC 997.02 | Food, RTE foods (meats, dairy, produce, salads, cereals), raw meats, poultry, seafood, mixed leafy greens, green onions, fruits, seeds, grains, nuts and their derivatives, spices, swabs, water, animal food and feeds | Petrifilm |
| Yeast & Mold Count | MB074.03 | Food, RTE foods (meats, dairy, produce, salads, cereals), raw meats, poultry, seafood, mixed leafy greens, green onions, fruits, seeds, grains, nuts and their derivatives, spices, swabs, water, animal food and feeds | Microfilm |
| <i>Staphylococcus aureus</i> | MB443.02 FDA BAM, 8th Ed. Ch. 12; CMMEF 4th Ed. | Food, RTE foods (meats, dairy, produce, salads, cereals), raw meats, poultry, seafood, mixed leafy greens, green onions, fruits, seeds, grains, nuts and their derivatives, spices, swabs, water, animal food and feeds | Agar Plate |
| <i>Staphylococcus aureus</i> | MB443.01 AOAC 2003.07; AOAC 2003.08; AOAC2003.11 | Food, RTE foods (meats, dairy, produce, salads, cereals), raw meats, poultry, seafood, mixed leafy greens, green onions, fruits, seeds, grains, nuts and their derivatives, spices, swabs, water, animal food and feeds | Petrifilm |
| Enterobacteriaceae Count | MB219.02, AOAC 2003.01; FDA BAM, 8th ed. | Food, RTE foods (meats, dairy, produce, salads, cereals), raw meats, poultry, seafood, mixed leafy greens, green onions, fruits, seeds, grains, nuts and their derivatives, spices, swabs, water, animal food and feeds | Petrifilm |

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|---|--|---|-----------------------------|
| Total Enterobacteriaceae | MB219.03 CMMEF, 4th ed. | Food, RTE foods (meats, dairy, produce, salads, cereals), raw meats, poultry, seafood, mixed leafy greens, green onions, fruits, seeds, grains, nuts and their derivatives, spices, swabs, water, animal food and feeds | Agar Plate |
| Total Coliform / Generic <i>E. coli</i> | MB706 EPA 1604 | Water | Membrane Filtration |

Chemical

| Specific Tests and/or Properties Measured | Specification, Standard, Method, or Test Technique | Items, Materials or Product Tested | Key Equipment or Technology |
|---|---|---|-----------------------------|
| Aflatoxin | RE 210.01 AOAC 991.31 | Food, cereals, grains, fruits, animal food, feeds, nuts and seeds | HPLC |
| Moisture in Nut Kernels | CH215 FCA ISO 665 | Pistachios and Almonds | Oven |
| TNC Origin Testing | RE 130 FCA (Physical); RE 135 FCA (Organoleptic) | Pistachios | Balance |

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1692.



R. Douglas Leonard Jr., VP, PILR SBU