

Certificado de Reconhecimento

Competence Recognition Certificate

N- 40201

**Joice Aparecida Leão Ltda.
IntegraLab Laboratory
Biological Tests**
Integralab – Biological Testing

Rua Bolivia, 80, Pacaembu – Cascavel/PR

The laboratory mentioned above complies with the criteria established in
the laboratory mentioned above is in agreement with standards established by

NBR ISO/IEC 17025:2017

The list of services for which the Laboratory is Recognized is attached to this certificate.
The scope of accreditation is presented in the attached appendix

Validity:
Validate:

Failure to meet the criteria established in the Appendix of Responsibilities renders this certificate invalid.

The non-compliance with the responsibilities appendix may turn this certificate not valid.

The certificate is valid until **September/2024**.
This certificate is valid until September/2024.

Porto Alegre, June 9, 2023

João Carlos Guimarães Lerch
Executive Secretary

Associação Rede de Metrologia e Ensaio do Rio Grande do Sul
CNPJ 97.130.207/0001-12 | Certificada ISO 9001

LIST OF SERVICES ANEXA TO
WCERTIFICATE OF RECOGNITION
Scope of Accreditation

N- 40201

Joice Aparecida Leão Ltda. IntegraLab Laboratory				
No.	Area Activity/ Product	Description of the Test (Analytical and parameter)	Operating Range or LD and/or LQ	standard or Procedure
01	FOOD AND DRINKS: - Foods from Animal origin; - Dairy products; - Foods from Origin Vegetable; - Foods Processed; - Food Animal	aerobic and mesophilic bacteria Facultative Anaerobes - Quantitative determination by counting technique in depth.	LQ: 10 CFU/g LQ: 1 CFU/mL	ABNT NBR ISO 4833- 1:2015
02		aerobic and mesophilic bacteria Facultative Anaerobes - Quantitative determination by counting technique in surface.	LQ: 10 CFU/g LQ: 1 CFU/mL	ABNT NBR ISO 4833- 2:2015
03		aerobic and mesophilic bacteria Facultative Anaerobes - Quantitative determination by depth counting technique. (3M Petrifilm Rapid Aerobic Plate Count).	LQ: 10 CFU/g LQ: 1 CFU/mL	AOAC OMA 2015.13 22nd ed. 2023
04		<i>Campylobacterspp.</i> - Quantitative determination by inoculation technique in surface.	LQ: 10 CFU/g LQ: 1 CFU/mL	ABNT NBR ISO 10272- 2:2020
05		<i>Clostridium perfringens</i> - Quantitative determination by counting technique in depth.	LQ: 10 CFU/g LQ: 1 CFU/mL	ABNT NBR ISO 7937:2020
06		Thermotolerant Coliforms - Quantitative determination by depth counting technique. (3M Petrifilm Coliform Count Plate).	LQ: 10 CFU/g LQ: 1 CFU/mL	AFNOR 01/2-09/89C
07		Total Coliforms - Quantitative determination by depth counting technique. (3M Petrifilm E.coli/ Coliform Count Plate).	LQ: 10 CFU/g LQ: 1 CFU/mL	AOAC OMA 991.14 22nd ed. 2023
08		<i>Enterobacteriaceae</i> - Quantitative determination by depth counting technique. (3M Petrifilm Enterobacteriaceae Count plate).	LQ: 10 CFU/g LQ: 1 CFU/mL	AOAC OMA 2003.01 22nd ed. 2023

Porto Alegre, June 9, 2023

Associação Rede de Metrologia e Ensaio do Rio Grande do Sul
CNPJ 97.130.207/0001-12 | Certificada ISO 9001

LIST OF SERVICES ANEXA TO
 WCERTIFICATE OF RECOGNITION
Scope of Accreditation

N- 40201

Joice Aparecida Leão Ltda. IntegraLab Laboratory				
No.	Area Activity/ Product	Description of the Test (Analytical and parameter)	Operating Range or LD and/or LQ	standard or Procedure
09	FOOD AND DRINKS: - Foods from Animal origin; - Dairy products; - Foods from Origin Vegetable; - Foods Processed; - Food Animal	<i>Escherichia coli</i> - Quantitative determination by depth counting technique. (3M Petrifilm E.coli/ Coliform Count Plate).	LQ: 10 CFU/g LQ: 1 CFU/mL	AOAC OMA 998.08 22nd ed. 2023
10		<i>Escherichia coli</i> O157:H7 - Qualitative determination using the presence/absence technique. (iQ-Check Real Time PCR).	Presence/Absence	AOAC RI 020801 22nd ed. 2023
11		<i>Listeria</i> spp. It is <i>Listeria monocytogenes</i> - Qualitative determination using the presence/absence technique.	Presence/Absence	ABNT NBR ISO 11290-1:2020
12		<i>Listeria</i> spp. It is <i>Listeria monocytogenes</i> - Quantitative determination by inoculation technique in surface.	LQ: 10 CFU/g LQ: 1 CFU/mL	ABNT NBR ISO 11290-2:2020
13		<i>Salmonella</i> spp. - Qualitative determination using the presence/absence technique.	Presence/Absence	ABNT NBR ISO 6579-1:2021
14		<i>Salmonella</i> spp. - Qualitative determination using the presence/absence technique. (VIDAS® UP SPT).	Presence/Absence	AFNOR 12/32-10/11 AOAC OMA 2013.01 22nd ed. 2023
15		<i>Salmonella</i> spp. - Qualitative determination using the presence/absence technique. (iQ-Check Real Time PCR).	Presence/Absence	AFNOR 07/06-07/04
16		<i>Staphylococcus aureus</i> - Quantitative determination by depth counting technique. (3M Petrifilm Staph Express Count Plate).	LQ: 10 CFU/g LQ: 1 CFU/mL	AOAC OMA 2003.07 22nd ed. 2023 (Food of Plant Origin and Processed Foods) AOAC OMA 2003.08 22nd ed. 2023 (Dairy) AOAC OMA 2003.11 22nd ed. 2023 (Food of Animal Origin)

Porto Alegre, June 9, 2023

LIST OF SERVICES ANEXA TO
 WCERTIFICATE OF RECOGNITION

Scope of Accreditation

N- 40201

Joice Aparecida Leão Ltda. IntegraLab Laboratory				
No.	Activity Area/ Product	Description of the Test (Analytical and parameter)	Operating Range or LD and/or LQ	standard or Procedure
17	ANIMAL HEALTH: - Dead Birds; - Bird Organs (Liver, Spleen, Heart, Intestine, Cecum, Sac Yolk or Yolk); - Bird Eggs Commercial or In Natura; - Bird Eggs	Mesophilic Bacteria Aerobic and Anaerobic Optional – Determination quantitative by technique counting in depth.	LQ: 10 CFU/g LQ: 1 CFU/mL	ABNT NBR ISO 4833- 1:2015
18	Embryonated and Pecked; - Poultry bedding material; - Birds Nest; - Bird Drag Swab; - Bird Cloaca Swab;	Mesophilic Bacteria Aerobic and Anaerobic Optional – Determination quantitative by technique counting in surface.	LQ: 10 CFU/g LQ: 1 CFU/mL	ABNT NBR ISO 4833- 2:2015
19	- Bird Cage Swab; - Environmental Swab; - Hand Swab; - Surface Swab, Installation and Equipment - Cash Fund Swab;	Mesophilic Bacteria Aerobic and Anaerobic Optional – Determination quantitative by technique counting in depth. (3M Petrifilm Rapid Aerobic Plate Count).	LQ: 10 CFU/g LQ: 1 CFU/mL	AOAC OMA 2015.13 22nd ed. 2023
20	- Bird Meconium; - Chick Transport Box Lining; - Aviary bed; - Bird feces; - Residual dust from feed mills;	<i>Enterobacteriaceae</i> – Determination quantitative by technique counting in depth.	LQ: 10 CFU/g LQ: 1 CFU/mL	ABNT NRB ISO 21528- 2:2020
21	- Hatchery Waste; - Bottom/Box Lining; - Cage Bottom; - Maravalha; - Environmental Swab (Hands, Surfaces, Utensils and Facilities); Fertile Eggs; Bed Swab; Joint Swab; Organ Swab.	<i>Enterobacteriaceae</i> – Determination quantitative by technique counting in depth. (3M Petrifilm Enterobacteriaceae Count Plate).	LQ: 10 CFU/g LQ: 1 CFU/mL	AOAC OMA 2003.01 22nd ed. 2023

Porto Alegre, June 9, 2023

LIST OF SERVICES ANEXA TO
 WCERTIFICATE OF RECOGNITION
Scope of Accreditation

N- 40201

**Joice Aparecida Leão Ltda.
 IntegraLab Laboratory**

No.	Activity Area/ Product	Description of the Test (Analytical and parameter)	Operating Range or LD and/or LQ	standard or Procedure
22	<p><u>ANIMAL HEALTH:</u> - Dead Birds; - Bird Organs (Liver, Spleen, Heart, Intestine, Cecum, Sac Yolk or Yolk); - Bird Eggs Commercial or In Natura; - Bird Eggs Embryonated and Pecked; - Poultry bedding material; - Birds Nest; - Bird Drag Swab;</p> <p>- Bird Cloaca Swab; - Bird Cage Swab; - Environmental Swab; - Hand Swab; - Surface Swab, Installation and Equipment - Cash Fund Swab;</p>	<p><i>Salmonella</i> spp. – Qualitative determination by the technique of presence/absence.</p>	<p>Presence/Absence</p>	<p>ABNT NBR ISO 6579- 1:2021</p>
23	<p>- Bird Meconium; - Chick Transport Box Lining; - Aviary bed; - Bird feces; - Residual dust from feed mills; - Hatchery Waste; - Bottom/Box Lining; - Cage Bottom; - Maravalha; - Environmental Swab (Hands, Surfaces, Utensils and Facilities); Fertile Eggs; Bed Swab; Joint Swab; Organ Swab.</p>	<p><i>Salmonella</i> spp. – Qualitative determination by the technique of presence/absence. (iQ- Check Real Time PCR).</p>	<p>Presence/Absence</p>	<p>AFNOR 07/06-07/04</p>

LD = Limit of Detection LQ =
 Limit of Quantification

Porto Alegre, June 9, 2023

João Carlos Guimarães Lerch
Executive Secretary

APPENDIX OF RESPONSIBILITIES

Responsibilities Appendix

From the Recognized Laboratory:

Of the Accredited Laboratory:

- * Keep the RS Metrological Network informed about the laboratory's participation in interlaboratory comparison programs, including the laboratory's performance in such programs.
To keep Rede Metrológica RS informed about the participation and performance of the laboratory in proficiency testing schemes.
- * Keep the laboratory's registration on the RS Metrological Network up to date.
To keep the laboratory's file updated.
- * Be exclusively responsible for the reports, reports and/or certificates issued.
To be responsible for the certificates/reports issued by the laboratory.
- * Keep the technical conditions of the Laboratory checked during the evaluation visit.
To keep its technical conditions verified during the assessment carried out by Rede Metrológica RS.
- * Meet the requirements set out in document RM 33 - Procedure for disclosing Recognition to the RS Metrological Network, and other RS Metrological Network documents.
To comply with the requirements of document RM 33 - Procedure for the Reporting of Accreditation, and other documents issued by Rede Metrológica RS.
- * Inform the Network about changes that have a major impact on the laboratory's quality system, including equipment, facilities and/or qualified human resources.
To inform Rede Metrológica RS all significant changes in its quality system, including equipment, accommodation and its qualified people.
- * Receive periodic evaluation visits from the RS Metrological Network.
To receive assessments carried out periodically by Rede Metrológica RS.
- * Comply with corrective actions recorded in the Assessment Reports, within the established deadlines.
To implement all the corrective actions registered in Assessment Reports, in the completion date established.
- * Make the Metrology Bonus available only in services for which the laboratory is recognized by the RS Metrological Network, complying with the Operational Manual for the use of the Bonus.
To offer the "Bônus Metrologia" only for accredited services, complying with the Operational Manual for the utilization of the "Bônus Metrologia".
- * Receive auditors from the Metrological Network and Sebrae for possible audits on the use of the Metrology Bonus by the laboratory, providing them with the necessary information and documents.
To receive Rede Metrológica RS and SEBRAE auditors for the "Bônus Metrologia" utilization audit.

From the RS Metrological Network:

Of Rede Metrológica RS:

- * Carry out periodic assessments to maintain recognition of the laboratory's competence.
To carry out periodic assessments for maintaining the accreditation of the laboratory.
- * Keep the laboratory informed about changes in controlled documents, of which the laboratory is the recipient of a copy:

Associação Rede de Metrologia e Ensaios do Rio Grande do Sul
CNPJ 97.130.207/0001-12 | Certificada ISO 9001

To keep the laboratory informed about changes occurred in accreditation criterion documentation.

- * Issue a new certificate of recognition whenever there is a change in the list of services.

To issue a new accreditation certificate whenever there are changes in the scope of accreditation.

