



DRAFT SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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BIOLOGICAL

Valid To: June 30, 2022

Certificate Number: 3258.09

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests in the analyte categories identified below:

<u>ALS Method Code</u>	<u>Matrix</u>	<u>Parameter/Analyte</u>	<u>Reference</u>
MF37	Food, Feed, Swab	Enumeration of Aerobic Plate Count in Foods, Animal Feeding Stuffs and Environmental Swabs (Rehydrated Media Aerobic Count Plate Method)	AOAC 990.12
MF17	Air	Microbiological Examination of Environmental Samples (Settle Plate)	In-House Method
MF34	Air Quality	Enumeration of Microbiological Contamination in Air by Impaction Method	In-House Method
MF07	Food, Feed	Detection of <i>Campylobacter</i> spp. in Food and Animal Feeding Stuffs	ISO 10272-1:2017
MF14	Food, Feed	Detection of <i>Escherichia coli</i> O157:H7 in Foods and Animal Feeding Stuffs by Cultivation	US FDA/BAM Chapter 4A (modified); ISO 16654:2001
MF04A	Food, Feed, Swab	Confirmation of <i>Salmonella</i> spp.	ISO 6579-1:2017
MF20	Food, Feed, Swab	Detection of <i>E.coli</i> in Foods, Animal Feeding Stuffs and Environmental Samples	ISO 7251:2005
MF09	Food, Feed, Swab	Detection of <i>Listeria monocytogenes</i> and <i>Listeria spp.</i> in Food, Animal Feeding Stuffs and Swabs	ISO 11290-1:2017
MF04	Food, Feed, Swab	Detection of <i>Salmonella</i> spp. in Foods, Animal Feeding Stuffs and Swabs	ISO 6579-1:2017
MF08	Food, Feed, Swab	Detection of <i>Vibrio parahaemolyticus</i> and <i>Vibrio cholerae</i> in Food, Animal Feeding Stuffs and Swabs	ISO 21872-1:2017
MF19	Food, Feed, Swab	Enumeration of Beta-Glucuronidase-Positive <i>E. coli</i>	ISO 16649-2:2001

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MF11	Food, Feed, Swab	Enumeration of <i>Clostridium perfringens</i> in Food, Animal Feeding Stuffs and Swabs	ISO 7937:2004; USFDA/BAM Ch. 16
MF38	Food, Feed, Swab	Enumeration of Coliform Count in Foods, Animal Feeding Stuffs and Environmental Swabs (Rehydrated Media Coliform Count Plate Method)	AOAC 989.10, AOAC 991.14
MF02-C	Food, Feed, Swab	Enumeration of Coliforms in Food, Animal Feeding Stuffs and Swabs by Colony Count Technique	US FDA/ BAM Chapter 4; ISO 4832:2006
MF02-B	Food, Feed, Swab	Enumeration of <i>E. coli</i> in Food, Animal Feeding Stuffs and Swab by Most Probable Number (MPN) Technique	US FDA/BAM Chapter 4; ISO 7251:2005
MF02-D	Food, Feed, Swab	Enumeration of <i>E. coli</i> in Food, Animal Feeding Stuffs and Swabs by Pour Plate Method	CMMEF Ch. 9, APHA 5 th Edition
MF13	Food, Feed, Swab	Enumeration of Enterobacteriaceae in Food, Animal Feeding Stuffs and Swabs	ISO 21528-2:2017
MF39	Food, Feed, Swab	Enumeration of Enterobacteriaceae in Foods, Animal Feeding Stuffs and Environmental Swabs (Rehydrated Media Enterobacteriaceae Count Plate)	AOAC 2003.01
MF06A	Food, Feed, Swab	Enumeration of Enterococci in Foods, Animal Feeding Stuffs and Swabs	CMMEF Ch. 10, APHA 5 th Edition, 2015
MF02-A	Food, Feed, Swab	Enumeration of Faecal (Thermotolerant) Coliform Count in Food, Animal Feeding Stuffs and Swabs by Most Probable Number (MPN) Technique	US FDA/ BAM Chapter. 4; ISO 7251:2005
MF10	Food, Feed, Swab	Enumeration of Presumptive <i>Bacillus cereus</i> in Food, Animal Feeding Stuffs and Swab by Colony Count Technique	ISO 7932:2004
MF05	Food, Feed, Swab	Enumeration of <i>Staphylococcus aureus</i> (Coagulase-Positive <i>Staphylococci</i>) in Food, Animal Feeding Stuffs and Swabs	ISO 6888-1:1999, A2:2018
MF41	Food, Feed, Swab	Enumeration of <i>Staphylococcus aureus</i> in Foods, Animal Feeding Stuffs and Swab (Rehydrated Media Staph Express Count Plate Method)	AOAC 2003.07, AOAC 2003.08, AOAC 2003.11
MF32	Food, Feed, Swab	Enumeration of Sulfite-Reducing Clostridia in Foods, Animal Feeding Stuffs and Swabs by Colony Count Technique	BS ISO 15213:2003
MF12	Food, Feed, Swab	Enumeration of Yeast and Moulds by Colony Count Technique	ISO 21527-1:2008
MF31	Food, Feed, Swabs	Enumeration of Presumptive <i>Pseudomonas spp.</i> in Food, Animal Feeding Stuffs and Swabs	BS EN ISO 13720:2010
MF02	Food, Feed, Swabs	Enumeration of Total Coliform in Food, Animal Feeding Stuffs and Swab by Most Probable Number (MPN) Technique	ISO 4831:2006

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MF01	Food, Feed, Swabs	Standard Plate Count at 22°C, 30°C and 37°C in Food Products, Feed and Environmental Swab by Pour Plate Method	USFDA/BAM Ch. 3, 2001
MF40	Food, Swab	Enumeration of Yeast and Moulds in Foods, and Environmental Swab (Rehydrated Media Yeast and Mold Count Plate)	AOAC 997.02
MS001	Soil, Sediments, Sludge	Detection of <i>Salmonella</i> spp. in Soil	AS/NZS 4276.14:1995
MS002	Soil, Sediments, Sludge	Enumeration of Aerobic Bacteria in Soil, Sediments and Sludge by Pour Plate Method	FO Soil Bulletin 7
MS003	Soil, Sediments, Sludge	Enumeration of Coliform in Soil, Sediments, and Sludge by Colony Count Technique	ISO 4832:2006
MS008	Soil, Sediments, Sludge	Enumeration of Faecal (Thermotolerant) Coliform and <i>E. coli</i> in Soil, Sediments and Sludge by MPN Technique	AS/NZS 4276.6:2007, ISO 7251:2005
MS004	Soil, Sludge	Enumeration of Faecal (Thermotolerant) Coliform and <i>E. coli</i> in Soil, Sludge and Sediments by Colony Count Technique	ISO 4832:2006 with 2009 corrigendum; ISO 7251:2005
MW022	Water	Detection of <i>Salmonella</i> spp. in Water	ISO 19250:2010
MW008	Water	Enumeration Faecal (Thermotolerant) Coliform by Most Probable Number (MPN) Technique	AS/NZS 4276.6:2007
MW033	Water	Enumeration of <i>Clostridium perfringens</i> in Water by Membrane Filtration (MF) Method	ISO 14189:2013
MW034	Water	Enumeration of Coagulase Positive <i>Staphylococci</i> (including <i>S. aureus</i>) in Water by Membrane Filtration (MF) Technique	AS/NZS 4276.20:2003
MW008	Water	Enumeration of <i>E. coli</i> by Most Probable Number (MPN) Technique	AS/NZS 4276.6:2007
MW023	Water	Enumeration of <i>Enterococci</i> spp. in Water by Membrane Filtration (MF) Technique	AS/NZ 4276.9:2007
MW006	Water	Enumeration of <i>E. coli</i> by in Water by Membrane Filtration (MF) Technique	AS /NZS 4276.7:2007
MW006	Water	Enumeration of Faecal (Thermotolerant) Coliforms by Membrane Filtration (MF) Technique	AS/NZS 4276.7:2007
MW013	Water	Enumeration of Faecal <i>Streptococci</i> by Membrane Filtration (MF) Technique	SM 9230 C, APHA 23 rd Edition, 2017
MW014	Water	Enumeration of Faecal <i>Streptococci</i> by Most Probable Number (MPN) Technique	AS/NZS 4276.8:1995
MW035	Water	Enumeration of Heterotrophic Plate Count in Water by Membrane Filtration (MF) Technique	SM 9215D, APHA 23 rd Edition, 2017

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MW002	Water	Enumeration of Heterotrophic Plate Count in Water by Pour Plate Technique	AS 4276.3.1/ SM 9215B, APHA 23 rd Edition, 2017
MW021SA	Water	Enumeration of <i>Legionella</i> by Cultivation	ISO 11731:2017
MW032	Water	Enumeration of <i>Legionella</i> spp. Including <i>Legionella pneumophila</i> in Water by Direct Membrane Filtration Technique	ISO 11731:2017
MW010	Water	Enumeration of <i>Pseudomonas aeruginosa</i> in Water by Membrane Filtration (MF) Technique	AS /NZS 4276.13:2008
MW036	Water	Enumeration of Thermotolerant (Faecal) Coliform and <i>E. coli</i> in Water by Most Probable Number (MPN) Method	SM 9221 E & F, APHA 23 rd Edition, 2017
MW007	Water	Enumeration of Total Coliform in Water by Membrane Filtration (MF) Technique	AS/NZS 4276.5:2007
MW005	Water	Enumeration of Total Coliform in Water by Most Probable Number (MPN) Technique	SM 9221 B, APHA 23 rd Edition, 2017
MW009	Water	Enumeration of Total Coliform in Water by Most Probable Number (MPN) Technique	AS/NZS 4276.6:2007
MW030	Water	Enumeration of Yeast and Moulds in Water by Pour Plate Technique	SM 9610 B & C, APHA 23 rd Edition, 2017



Accredited Laboratory

A2LA has accredited

AUSTRALIAN LABORATORY SERVICES ARABIA CO. LTD. (ALS ARABIA) RIYADH

Riyadh, SAUDI ARABIA

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 4th day of February 2021.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3258.09
Valid to June 30, 2022

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