



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

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BIOLOGICAL

Valid To: June 30, 2020

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>Test</u>	<u>Reference</u>	<u>ALS Method</u>	<u>Matrix</u>
Detection of <i>Campylobacter</i> spp. by Colony Count Technique	ISO 10272-1:2017	MF07	Food
Detection of <i>Escherichia coli</i> (<i>E. coli</i>) in Foods, Animal Feeding Stuffs and Environmental Samples	ISO 7251:2005	MF20	Food/ Swab
Detection of <i>E. coli</i> O157:H7 in Foods by Cultivation	US FDA/ BAM Chapter 4A (Modified)	MF14	Food
Detection of <i>Listeria monocytogenes</i> in Food	ISO 11290-1:2017,	MF09	Food/ Swab
Detection of <i>Salmonella</i> in Soil, Sediments and Sludge	AS/NZS 4276.14:1995	MS001	Soil/ Sediments/ Sludge
Detection of <i>Salmonella</i> spp. in Foods, Feeding Stuffs and Environmental Sample	ISO 6579-1:2017	MF04	Food/ Swab
Detection of <i>Salmonella</i> spp. in Water	ISO 19250:2010	MW022	Water
Detection of <i>Vibrio parahaemolyticus</i> and <i>Vibrio cholerae</i> in Foods and Animal Feeding Stuffs	ISO 21872-1:2017	MF08	Food
Enumeration of Aerobic Bacteria in Soil, Sediments and Sludge by Pour Plate Method	In-House Method	MS002	Soil/ Sediments/ Sludge
Enumeration of Aerobic Plate Count in Foods, Animal Feeding Stuffs and Environmental Swabs Using Petrifilm™ Aerobic Count Plate Method	AOAC 990.12	MF37	Food/Swab
Enumeration of <i>Bacillus cereus</i> by Colony Count Technique	ISO 7932:2004	MF10	Food

<u>Test</u>	<u>Reference</u>	<u>ALS Method</u>	<u>Matrix</u>
Enumeration of <i>Clostridium perfringens</i> by Colony Count Technique	ISO 7937:2004	MF11	Food
Enumeration of <i>Clostridium perfringens</i> in Water by Membrane Filtration (MF)	ISO 14189:2013	MW033	Water
Enumeration of Coagulase Positive Staphylococci (<i>Staphylococcus aureus</i>) in Water by Membrane Filtration Technique (MF)	AS/NZS 4276.20:2003	MW034	Water
Enumeration of Coagulase Positive Staphylococci (<i>Staphylococcus aureus</i>) in Foods, Feeding Stuffs and environmental Samples	ISO 6888-1999 A1:2003	MF05	Food/ Swab
Enumeration of Coliform Count in Foods, Animal Feeding Stuffs and Environmental Samples (Petrifilm™ Coliform Count Plate)	AOAC 989.10 & 991.14	MF38	Food/ Swab
Enumeration of Coliform in Food by Most Probable Number (MPN) Technique	US FDA/ BAM Chapter 4, 2017 / ISO 4831:2006	MF02	Food
Enumeration of Coliform in Soil, Sediments and Sludge by Colony Count Technique	In-House Method	MS003	Soil/ Sediments/ Sludge
Enumeration of Coliforms by Colony Count Technique	US FDA/ BAM Chapter 4, 2017 / ISO 4832:2006	MF02-C	Food/ Swab
Enumeration of Enterobacteriaceae in Foods and Environmental Samples (Petrifilm™ Enterobacteriaceae Count Plate)	AOAC 2003.01	MF39	Food/ Swab
Enumeration of Enterobacteriaceae in Foods, Animal Feeding Stuffs and Environmental Samples by Colony Count Technique	ISO 21528-2:2017	MF13	Food/ Swab
Enumeration of <i>Enterococci</i> in Food and Environmental Sample	CMMEF Ch. 10, APHA 5 th Edition	MF06A	Food/ Swab
Enumeration of <i>Enterococci</i> spp. in Water by Membrane Filtration (MF) Technique	AS/NZS 4276.9:2007	MW023	Water
Enumeration of <i>E. coli</i> by Colony Count Technique	CMMEF Ch. 9, APHA 5 th Edition	MF02-D	Food/ Swab
Enumeration of <i>E. coli</i> by Most Probable Number (MPN) Technique	US FDA/ BAM Chapter 4, 2017 / ISO 7251:2005	MF02-B	Food
Enumeration of <i>E. coli</i> in Water by Most Probable Number (MPN) Technique	AS/NZS 4276.6:2007	MW008	Water
Enumeration of Fecal (Thermotolerant) Coliform Count by Most Probable Number (MPN) Technique	US FDA/ BAM Chapter 4, 2017 / ISO 7251:2005	MF02-A	Food



<u>Test</u>	<u>Reference</u>	<u>ALS Method</u>	<u>Matrix</u>
Enumeration of Fecal (Thermotolerant) Coliform and <i>E. coli</i> in Soil, Sediments and Sludge by MPN Technique	In-House Method	MS008	Soil/ Sediments/ Sludge
Enumeration of Fecal (Thermotolerant) Coliform and <i>E. coli</i> in Water by Membrane Filtration (MF) Technique	AS/NZS 4276.7:2007	MW006	Water
Enumeration of Fecal (Thermotolerant) Coliform and <i>E. coli</i> in Soil, Sediments and Sludge by Colony Count Technique	In-House Method	MS004	Soil/ Sediments/ Sludge
Enumeration of Fecal <i>Streptococci</i> by Membrane Filtration (MF) Technique	SM 9230 C, APHA 23 rd Edition, 2017	MW013	Water
Enumeration of Fecal <i>Streptococci</i> by Most Probable Number (MPN) Technique	AS/NZS 4276.8:1995	MW014	Water
Enumeration of Fungi (Yeast and Molds) by Pour Plate Method	SM 9610 B & C, APHA 23 rd Edition, 2017	MW030	Water
Enumeration of Heterotrophic Plate Count in Water by Membrane Filtration (MF) Technique	SM 9215 D, APHA 23 rd Edition, 2017	MW035	Water
Enumeration of <i>Legionella</i> spp. including <i>L. pneumophila</i> in water by Filtration and Centrifugation	ISO 11731:2017	MW021SA	Water
Enumeration of <i>Legionella</i> spp. including <i>L. pneumophila</i> in Water by Direct Membrane Filtration (MF) Technique	ISO 11731:2017	MW032	Water
Enumeration of Presumptive <i>Pseudomonas</i> spp. in Food, Animal Feeding Stuffs and Swabs	BS EN ISO 13720:2010	MF31	Food/ Swab
Enumeration of <i>Pseudomonas aeruginosa</i> in Water by Membrane Filtration (MF) Technique	AS/NZS 4276.13:2008	MW010	Water
Enumeration of <i>Staphylococcus aureus</i> in Foods and Animal Feeding Stuffs Using Petrifilm™ Staph Express Count Plate Method	AOAC 2003.07, 2003.08 & 2003.11	MF41	Food
Enumeration of Thermotolerant (Fecal) Coliform and <i>E. coli</i> by Most Probable Number (MPN) Technique	SM 9221 E & F, APHA 22 nd Edition, 2012	MW036	Water
Enumeration of Total Coliform in Water by Membrane Filtration Technique (MF)	AS/ NZS 4276.5:2007	MW007	Water
Enumeration of Total Coliform in Water by Most Probable Number (MPN) Method	SM 9221B, APHA 23 rd Edition, 2017	MW005	Water

<u>Test</u>	<u>Reference</u>	<u>ALS Method</u>	<u>Matrix</u>
Enumeration of Total Coliform in Water by Most Probable Number (MPN) Technique	AS/NZS 4276.6:2007	MW009	Water
Enumeration of Yeast and Molds in Foods (Petrifilm™ Yeast and Mold Count Plate)	AOAC 997.02	MF40	Food
Enumeration of Yeast and Molds by Colony Count Technique	ISO 21527-1:2008	MF12	Food/ Swab
Enumeration of β – glucuronidase – positive <i>E. coli</i>	ISO 16649-1:2018	MF19	Food/ Swab
Heterotrophic Plate Count in Water by Pour Plate Technique	AS 4276.3.1; SM 9215B, APHA 23 rd Edition, 2017	MW002	Water
Microbiological Examination of Environmental Conditions (Air Micro)	In-House Method	MF17	Environment Condition (Air)
Standard Plate Count by Pour Plate Method	US FDA/ BAM Chapter 3, 2001	MF01	Food





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 17025:2005 *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 April 2017).



Presented this 18th day of June 2018

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 3258.09
Valid to June 30, 2020

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