Scope of Accreditation

ACCREDITATION NO: 2020

Silliker Australia Pty Ltd

Melbourne Microbiology Laboratory
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FACILITIES: Public testing service

This facility complies with the requirements of ISO/IEC 17025:2005

8.01 Tests on human pharmaceutical and biological products
- .40 Microbial counts
  - Including isolation and identification of bacterial contaminants
- .99 Other tests
  - Isolation and identification of specific contaminants

8.02 Tests on veterinary pharmaceutical and biological products
- .40 Microbial count
  - Including isolation and identification of bacterial contaminants

8.09 Effectiveness tests on biocides
- .01 Fungicides
  - Including minimum inhibitory concentration (MIC)
- .02 Bactericides
  - Including minimum inhibitory concentration (MIC), nappy sanitisers and skin disinfectants

8.10 Microbiological tests on cosmetics, perfumes and essential oils
- .12 Microbial counts on cosmetics
  - Including isolation and identification of bacterial contaminants
- .22 Microbial counts on perfumes
- .32 Microbial counts on essential oils

8.11 Microbiological tests on foods
- .01 Cereal products
- .02 Nuts and nut products
- .03 Dairy products
- .04 Meat and meat products
- .05 Poultry and poultry products
- .06 Eggs and egg products

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.07 Fish, crustaceans and molluscs
.10 Heat-processed foods in hermetically sealed containers
.11 Sugar products, honey and confectionery
.12 Vegetables and vegetable products
.13 Fruit and fruit products
.14 Beverages
.17 Animal feeds
.20 Mixed Foods
.25 Additives to foods
.26 Gelatine and other gums
.27 Herbs and spices
.49 Other food products
Cocoa and cocoa products

8.17 Testing of surfaces in abattoirs
.01 Meat surfaces
.02 Product contact surfaces

8.18 Microbiological tests for monitoring defined environments
.01 Surfaces
.02 Air
.03 Water

8.19 Microbiological tests on other materials
.01 Surgical dressings and related materials
.02 Medical devices
.11 Lubricants
.99 Other materials
Efficacy of ultraviolet sterilization units

8.70 Waters, including effluents
.11 Bacteriological condition of potable waters
.12 Bacteriological condition of industrial waters (treated, recirculating)
.13 Bacteriological condition of sewage
.14 Bacteriological condition of trade wastes
.15 Bacteriological condition of swimming pools and spas
.16 Bacteriological condition of environmental waters

For the following determinations -
Pharmaceuticals, cosmetics and veterinary products
Bile tolerant Gram Negative bacteria, coliforms, lactic acid organism, TAMC, TYMC, total viable aerobic count, yeasts and moulds.
Candida albicans, Clostridia, Clostridium perfringens, Enterobacteriaceae, Escherichia coli, Pseudomonads, Pseudomonas aeruginosa, Salmonella, Staphylococcus aureus
By the methods of -
British Pharmacopeia, British Pharmacopeia (Harmonised), CTMAA and FDA BAM (in house methods M22.1, 22.2 and 24)
By the in house method of -
M56
Bioburden
By the methods of -

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ANSI/AMMI/ISO 11737.1, BSEN 1174.1

Biocides
Antimicrobial suspension tests, AOAC Carrier tests, AOAC Spray Tests, in-vivo and in-vitro skin disinfectant tests, MIC Inhibition Tests, TGA disinfectant test
By the methods of -
Aust.J.Hosp.Pharm.8 No4 1978, AOAC 991.47, AOAC 991.48, AOAC 991.49, BSEN 1271, BSEN 1276, BSEN 1499, BSEN 1500, BSEN 1650, TGO 54
By the in house method of -
M31

Import control
By the method of -
M20 - Microbial counts

Foods
Coliforms (total and thermotolerant), lactic acid organism, mesophilic spores, plate count, psychrotrophic organisms, rope spores, thermophilic bacteria, thermoduric spores, thermophilic spores, yeasts and moulds (including osmophilic types) yeast and preservative resistant yeast
Bacillus cereus, Campylobacter, Clostridia, Clostridium perfringens, Enterobacteriaceae, Enterococcus, Escherichia coli, Escherichia coli O157, *Listeria, Listeria monocytogenes, Salmonella, Staphylococci* (coagulase producing strains), *Staphylococcus aureus, Vibrio, Vibrio cholerae, Vibrio parahaemolyticus, Vibrio vulnificus*
Staphylococcal enterotoxin
By the methods of -
AOAC 990.12, AOAC 991.14, AOAC 996.08, AOAC 996.09, AOAC 998.08, AOAC 999.06, AOAC 2000.14, AOAC 2003.01, AOAC 2003.07, AOAC 2003.08, AOAC 2003.11, AOAC 2004.02, AOAC 2004.06, AOAC 2008.10, AOAC 2009.02, AOAC 2013.10, AOAC RI Cert 020901, AOAC RI Cert 120901, AOAC RI Cert 502801,
AOAC RI Cert 060702, AS 1766.2.5, AS 1766.2.9, AS 1766.2.15, AS 1766.2.16, AS 5013.1, AS 5013.2, AS 5013.3, AS 5013.4, AS 5013.6, AS 5013.10, AS 5013.12.1, AS 5013.12.3, AS 5013.14.2, AS 5013.15, AS 5013.16,
AS 5013.23, AS 5013.24.1, AS 5013.24.2, AS 5013.29, Compendium APHA 2001, FDA BAM
By the in house methods of -
M2.1, M2.2, M8.1, M8.2 (for thermotolerant coliforms), M36.2, M40.1, M43.2, M45, M57, M79, M83

Meat and meat products for export
Coliforms, plate count
Escherichia coli, Escherichia coli O157, *Listeria, Listeria monocytogenes, Salmonella*
By the methods of -
AOAC 991.14, AOAC 996.08, AOAC 999.06, AOAC 998.08, AOAC 2004.06, AS 5013.1, AS 5013.10

Meat surfaces
Coliforms, plate count
Escherichia coli, Listeria, Listeria monocytogenes, Salmonella
By the methods of -
AS 5013.1, AS 5013.10, AOAC 991.14, AOAC 996.08, AOAC 998.08, AOAC 999.06, AOAC 2004.06

Defined environments
Coliforms, lactic acid organism, mesophilic spores, plate count, psychrotrophic and psychrophilic count, thermophilic plate count, yeast and mould (including osmphilic types)

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Bacillus cereus, Campylobacter, Clostridium perfringens, Enterococcus, Enterobacteriaceae, Escherichia coli, Escherichia coli O157 *Listeria, Listeria monocytogenes, Salmonella, Staphylococci* (coagulase producing strains), *Staphylococcus aureus, Streptococcus* (faecal), *Vibrio parahaemolyticus*
By the methods of -
AOAC 990.12, AOAC 991.14, AOAC 996.09, AOAC 998.08, AOAC 999.06, AOAC 2000.14, AOAC 2003.01, AOAC 2003.07, AOAC 2003.08, AOAC 2003.11, AOAC 2004.02, AOAC 2008.10, AOAC 2013.10, AOAC RI Cert 020901, AS 1766.2.15, AS 5013.1, AS 5013.2, AS 5013.3, AS 5013.4, AS 5013.6, AS 5013.10,
AS 5013.12.1, AS 5013.12.2, AS 5013.15, AS 5013.16, AS 5013.23, AS 5013.24.1, AS 5013.24.2, AS 5013.29,
CMME 2001, Compendium APHA 2001, FDA BAM, ICMSF 1978
By the in house methods of -
M2.1, M2.2, M8.1, M8.2 (for thermotolerant coliforms), M33, M34, M36.2, M40.1

Pharmaceutical process water
Total viable aerobic count
Pseudomonads
By the method of -
British Pharmacopeia
By the in house method of -
M54

Other materials
Bioburden, coliforms, total viable aerobic count, yeasts and moulds
Candida albicans, Clostridia, Clostridium perfringens, Enterobacteriaceae, Escherichia coli, Pseudomonads, Pseudomonas aeruginosa, Salmonella, Staphylococcus aureus
By the methods of -
ANSI/AMMI/ISO 11737.1, AS 2869, British Pharmacopeia, BSEN 1174.1
By the in house methods of -
M21, M22, M24

Waters
Coliforms (thermotolerant and total), heterotrophic plate count (including water containing biocides), sulphite reducing anaerobes (including *Clostridia*), Enterococcus, Escherichia coli, Legionella, Legionella pneumophila, Pseudomonads, Pseudomonas aeruginosa, Salmonella, Streptococcus (faecal)
By the methods of -
AS 3896, AS 4276.3.1, AS/NZS 4276.3.2, AS 4276.5, AS 4276.6, AS 4276.7, AS 4276.9, AS 4276.11, AS 4276.13,
AS 4276.14, AS 4276.17.1

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