

Laboratory Accreditation Programmes

Schedule to

CERTIFICATE OF ACCREDITATION

AsureQuality Limited
Laboratory Services - Wellington Laboratory

Client No: 6881

PO Box 31242, Lower Hutt, 5040
1C Quadrant Drive, Waiwhetu, Lower Hutt, 5010

Telephone: 04 570-8800
Fax: 04 570-8176

www.asurequality.com

Authorised Representative:
Mrs Charlene Gerber
Quality Systems Manager

Programme
Drinking Water Testing Laboratory

Accreditation Number: 784

Date of Accreditation: 26 November 2001

Conformance Standard

NZS ISO/IEC 17025:2005
General requirements for the competence of testing and calibration laboratories
Drinking-Water Standards for New Zealand 2005

Testing Services Summary

| | |
|------|---|
| 1.12 | Waters (NZ Drinking Water Standards - Microbiology) |
| 2.41 | Waters (NZ Drinking Water Standards - Chemistry) |

Key Technical Personnel

| | |
|-------------------------|----------------------|
| Mrs Kelly-Marie Burns | 1.12 |
| Mrs Karen Anderson | 1.12 |
| Ms Michaela Taylor | 1.12 |
| Mrs Joanne Fry | 2.41 |
| Mrs Andrea Lister | 2.41; selected tests |
| Mrs Jayanthi Ranasinghe | 2.41; selected tests |
| Dr Cliff Randall | 2.41; selected tests |

Authorised:
General Manager



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 Drinking Water Testing Laboratory
SCOPE OF ACCREDITATION

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The following scope of accreditation provides for the testing of potable waters for the purpose of assessing compliance with the Drinking-Water Standards for New Zealand 2005.

1.12 Waters (NZ Drinking Water Standards - Microbiology)

(a) Potable waters

In accordance with APHA "Standard Methods for the Examination of Water and Wastewater" (21st Edition) except where otherwise indicated

| Determinand | Method Reference | WINZ Method Code |
|---------------------------------|------------------|------------------|
| Total coliforms - MPN | 9221 B | MTF |
| Total coliforms - MF | 9222 B | MF |
| Total coliforms - ReadyCult P/A | ReadyCult | ReadyC |
| Faecal coliforms - MPN | 9221 E | MTF |
| <i>E coli</i> - ReadyCult P/A | ReadyCult | ReadyC |

2.41 Waters (NZ Drinking Water Standards – Chemistry)

a) Potable waters

ORGANIC DETERMINANDS

In accordance with APHA "Standard Methods for the Examination of Water and Wastewater" (21st Edition) except where otherwise indicated

| Determinand | Method Reference | WINZ Method Code |
|---------------------------|------------------|------------------|
| Acrylamide | EPA 8032 A | LLEGCMS |
| Benzene | 6200 B | PTGCMS |
| Benzo(a)pyrene | 6410 B | LLEGCMS |
| Bromodichloromethane | 6200 B | PTGCMS |
| Bromodichloromethane | EPA 551 | LLEGCMS |
| Bromoform | 6200 B | PTGCMS |
| Bromoform | EPA 551 | LLEGCMS |
| Carbon tetrachloride | 6200 B | PTGCMS |
| Chloroform | 6200 B | PTGCMS |
| Chloroform | EPA 551 | LLEGCMS |
| Di(2-ethylhexyl)phthalate | 6410 B | LLEGCMS |
| Dibromoacetonitrile | EPA 551 | LLEGCMS |
| Dibromochloromethane | 6200 B | PTGCMS |
| Dibromochloromethane | EPA 551 | LLEGCMS |
| Dichloroacetic acid | 6251 | LLEGCMS |
| Dichloroacetonitrile | EPA 551 | LLEGCMS |

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| | | |
|---------------------------|----------|---------|
| 1,2-Dichlorobenzene | 6200 B | PTGCMS |
| 1,4-Dichlorobenzene | 6200 B | PTGCMS |
| 1,2-Dichloroethane | 6200 B | PTGCMS |
| 1,2-Dichloroethene | 6200 B | PTGCMS |
| Dichloromethane | 6200 B | PTGCMS |
| 1,4 Dioxane | 6200 B | PTGCMS |
| EDTA | In-house | GCMS |
| Epichlorohydrin | 6200 B | PTGCMS |
| Ethylbenzene | 6200 B | PTGCMS |
| Hexachlorobutadiene | 6200 B | PTGCMS |
| Monochloroacetic acid | 6251 | LLEGCMS |
| Nitriloacetic acid | In house | GCMS |
| Styrene | 6200 B | PTGCMS |
| Tetrachloroethene | 6200 B | PTGCMS |
| Tetrachloroethene | EPA 551 | LLEGCMS |
| Toluene | 6200 B | PTGCMS |
| Trichloroacetic acid | 6251 | LLEGCMS |
| Trichloroethene | 6200 B | PTGCMS |
| Trichloroethene | EPA 551 | LLEGCMS |
| 2,4,6-Trichlorophenol | 6251 | LLEGCMS |
| 2,4,6-Trichlorophenol | In-house | SPGCMS |
| Vinyl chloride | 6200 B | PTGCMS |
| Xylenes | 6200 B | PTGCMS |
| Trihalomethane/MAV ratio | CALC | |
| Haloacetic acid/MAV ratio | CALC | |

PESTICIDES

In accordance with APHA "Standard Methods for the Examination of Water and Wastewater" (21st Edition) except where otherwise indicated

| Determinand | Method Reference | WINZ Method Code |
|-------------------|------------------|------------------|
| Alachlor | 6410 B | LLEGCMS |
| Aldrin + Dieldrin | 6410 B | LLEGCMS |
| Atrazine | 6410 B | LLEGCMS |
| Azinphos-methyl | 6410 B | LLEGCMS |
| Bromacil | 6410 B | LLEGCMS |
| Carbofuran | 6410 B | LLEGCMS |
| Chlordane | 6410 B | LLEGCMS |
| Chlorpyrifos | 6410 B | LLEGCMS |
| Chlortoluron | In-house | HPLC |
| Cyanazine | 6410 B | LLEGCMS |
| 2,4-D | In-house | SPGCMS |
| 2,4-DB | In-house | SPGCMS |
| DDT and isomers | 6410 B | LLEGCMS |

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| | | |
|-----------------------------|----------|---------|
| 1,2-Dibromo-3-chloropropane | 6200 B | PTGCMS |
| 1,2-Dibromoethane | 6200 B | PTGCMS |
| 1,2-Dichloropropane | 6200 B | PTGCMS |
| 1,3-Dichloropropene | 6200 B | PTGCMS |
| Dichlorprop | In-house | SPGCMS |
| Dimethoate | 6410 B | LLEGCMS |
| Diuron | In-house | HPLC |
| Endrin | 6410 B | LLEGCMS |
| Fenoprop | In-house | SPGCMS |
| Hexazinon | 6410 B | LLEGCMS |
| Lindane | 6410 B | LLEGCMS |
| MCPA | In-house | SPGCMS |
| Mecoprop | In-house | SPGCMS |
| Metalaxyl | 6410 B | LLEGCMS |
| Methoxychlor | 6410 B | LLEGCMS |
| Metolachlor | 6410 B | LLEGCMS |
| Metribuzin | 6410 B | LLEGCMS |
| Molinate | 6410 B | LLEGCMS |
| Oryzalin | 6410 B | LLEGCMS |
| Oxadiazon | 6410 B | LLEGCMS |
| Pendimethalin | 6410 B | LLEGCMS |
| Pentachlorophenol | In-house | SPGCMS |
| Picloram | In-house | SPGCMS |
| Pirimiphos methyl | 6410 B | LLEGCMS |
| Procymidone | 6410 B | LLEGCMS |
| Propazine | 6410 B | LLEGCMS |
| Pyriproxifen | 6410 B | LLEGCMS |
| Simazine | 6410 B | LLEGCMS |
| 2,4,5-T | In-house | SPGCMS |
| Terbacil | 6410 B | LLEGCMS |
| Terbutylazine | 6410 B | LLEGCMS |
| Thiabendazole | In-house | HPLC |
| Triclopyr | In-house | SPGCMS |
| Trifluralin | 6410 B | LLEGCMS |
| 1080 | In-house | LLEGCMS |

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