PROFICIENCY TESTING DIRECTORY
PURPOSE

This document lists proficiency testing schemes and intercomparisons available to laboratories in the Asia Pacific region. The listing of a scheme in this directory does not imply its endorsement by APLAC.

AUTHORSHIP

This publication has been written by the APLAC Proficiency Testing Committee.

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FURTHER INFORMATION

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Website: www.aplac.org
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</tbody>
</table>
## NATA, AUSTRALIA

### Chemical Testing
Water — wide range of tests
- Mr W J Emmett
- Australian Water Quality Centre
- Private Mail Bag 3
- Salisbury SA 5108, Australia
- Tel: +61 8 8259 0319
- Fax: +61 8 8259 0228
- Email: wilf.emmett@sawater.com.au

Nutrients in environmental waters - freshwater and seawater
- Mr D Wruck
- Queensland Health Scientific Services
- 39 Kessels Road
- Coopers Plains
- QLD 4108, Australia
- Tel: +61 7 3274 9602
- Fax: +61 7 3274 9119
- Email: Dan_Wruck@health.qld.gov.au

Trace elements in soils, dusts, sediments, sludges, potable and non-potable water
- Mr Graeme Waller
- Quality Control Technologies
- PO Box 369
- Charlestown, NSW 2290 Australia
- Tel: +61 2 4947 8730
- Fax: +61 2 4947 8730
- Email: gwaller@hunterlink.net.au

Pesticides in animal fat, fruit/vegetables and soil
- Mr Paul Armishaw
- National Measurement Institute
- 1 Suakin St, Pymble NSW 2073, Australia
- Tel: + 61 2 9449 0149
- Fax: + 61 2 9983 1398
- Email: paul.armishaw@measurement.gov.au
- Website: www.measurement.gov.au

Chemical residues in meat, grains, horticulture and liquid milk
- Dr W Korth
- Dept of Agriculture Fisheries & Forestry National Residue Survey
- GPO Box 858, Canberra ACT 2601 Australia
- Tel: +61 2 6272 4771
- Fax: +61 2 6272 4023
- Email: wolfgang.korth@affa.gov.au

### Contact Information

## NATA Approved to ILAC Guide 13
(Website: www.nata.asn.au)
Interwinery Analysis Group: Wide range of analytes in wine

Fire assay gold, aqua regia gold, gold in loaded and barren carbon, low level (ppb) gold, Cu, Pb, Zn, Ni, As, Ag, Co, S in pulps

Mr Peter Hayes
Geostats Pty Ltd, 68 Watkins Street
White Gum Valley, WA 6162, Australia
Tel: +61 8 9430 9696
Fax: +61 8 9430 9695
Email: pjh@geostats.com.au

Chemical/Construction Materials Testing
Cement

Dr S Guirguis
Cement and Concrete Association of Australia
Level 6, 504 Pacific Highway
St Leonards NSW 2065, Australia
Tel: +61 2 9903 7713
Fax: +61 2 9437 9470
(or Mr D Delort ATILH France
Fax: +43 44 7811)

Chemical/Microbiological Testing
Milk
Dairy Products
Water
Meat
Vitamins, Minerals, Trace elements in Dairy Products
Antimicrobials in Milk
Pool Water, Sea Water
Anhydrous Milk Fat
Pathogens (Salmonella, Listeria, Ecoli 0157:H7, Campylobacter)

Mr Merv Withers
AgriQuality Proficiency Services
3–5 Lillee Crescent (PO Box 1335)
Tullamarine VIC 3043, Australia
Tel: +61 3 8318 9000
Fax: +61 3 8318 9001
Email: withersm@agriquality.com

Electrical Testing
Approval tests on electrical appliances and accessories

Ms Ingrid Flemming
IFM Quality Services Pty Ltd
PO Box 351
Moorebank NSW 1875, Australia
Tel: +61 2 9618 3311
Fax: +61 2 9618 3355
Email: ingridflemming@ifmqs.com.au

# NATA Approved to ILAC Guide 13
(Website: www.nata.asn.au)
Forensic Science
Blood alcohol
Ms Roslyn Wilson, Quality Assurance, Division of Analytical Laboratories, ICPMR
PO Box 162
Lidcombe NSW 2141 Australia
Tel: +61 2 9646 0222
Fax: +61 2 9646 0333

Drugs and drivers
Illicit drugs
Mr Paul Armishaw
National Measurement Institute
1 Suakin St, Pymble NSW, Australia
Tel: +61 2 9449 0149
Fax: +61 2 9983 1398
Email: paul.armishaw@measurement.gov.au
Website: www.measurement.gov.au

Toxicology
Ms Roslyn Wilson, Quality Assurance, Division of Analytical Laboratories, ICPMR
PO Box 162
Lidcombe NSW 2141 Australia
Tel: +61 2 9646 0222
Fax: +61 2 9646 0333

Mechanical Testing
Condom Testing
Medical Gloves
Ms G Shelley/Ms G Iskander
ENERSOL Consulting Engineers
127 Trafalgar Street
Annandale NSW 2038 Australia
Tel: +61 2 9552 1707
Fax: +61 2 9552 1709
Email: gshelley@enersol.com.au

Medical Testing
RCPA Quality Assurance Programs P/L
Anatomical Pathology QAP
Ms Margaret Dimech
Tel: +61 3 9808 9700
Fax: +61 3 9808 9744
Email: apqap@rcpaqap.com.au

(Website: www.nata.asn.au)

Benchmarking in Pathology QAP
Ms Sally Summons
Level 1, 5 Brunker Road
Broadmeadow NSW 2292 Australia
Tel: +61 2 4944 2084
Email: BiP@rcpaqap.com.au

Chemical Pathology QAP
Ms Janice Gill
Tel: +61 8 8374 0797
Fax: +61 8 8374 0695
Email: cpqap@rcpaqap.com.au

(Website: www.nata.asn.au)
Cytopathology QAP
## NATA Approved to ILAC Guide 13
(Website: www.nata.asn.au)
Ms Jo Finnimore
Tel: +61 7 3636 1803
Fax: +61 7 3636 1787
Email: cytoqap@rcpaqap.com.au

Haematology
## NATA Approved to ILAC Guide 13
(Website: www.nata.asn.au)
Mr John Sioufi
Tel: +61 2 9845 7038
Fax: +61 2 9891 5376
Email: haemqap@rcpaqap.com.au

Immunology
## NATA Approved to ILAC Guide 13
(Website: www.nata.asn.au)
Ms Sue Jovanovich
Tel: +61 8 8204 5100
Fax: +61 8 8277 1397
Email: immqap@rcpaqap.com.au

Microbiology
## NATA Approved to ILAC Guide 13
(Website: www.nata.asn.au)
Dr Jane Jelfs
Tel: +61 2 9926 7639
Fax: +61 2 9926 5655
Email: microqap@rcpaqap.com.au

Serology
## NATA Approved to ILAC Guide 13
(Website: www.nata.asn.au)
Ms Ros Escott
Tel: +61 2 9779 5915
Fax: +61 2 9779 5916
Email: sqap@rcpaqap.com.au

Synovial Fluids
## NATA Approved to ILAC Guide 13
(Website: www.nata.asn.au)
Ms Vicki McGill
Tel: +61 2 9515 9295
Fax: +61 2 9515 9466
Email: sfqap@rcpaqap.com.au

Transfusion Serology
## NATA Approved to ILAC Guide 13
(Website: www.nata.asn.au)
Mr Neville Herrmann
Tel: +61 7 3835 1235
Fax: +61 7 3835 1290
Email: tsqap@rcpaqap.com.au

ASEATTA
Tissue Typing
Mrs Jill Hersee
Red Cross Blood Service
153 Clarence Street, Sydney, NSW 2000
Tel: +61 2 9229 4301
Fax: +61 2 9229 4534
Email: tdoran@arcbs.redcross.org.au
Website: www.aseatta.org.au
Austox —
Urine Toxicology Proficiency Program
Drugs of Abuse — Qualitative/Quantitative to AS4308
Dr J Lewis
Toxicology Unit, PaLMS
Northern Sydney Area Health Service
Tel: +61 2 9887 5666
Email: jlewis@doh.health.nsw.gov.au
Website: www.toxicologyunit.com

Australian Institute of Medical Scientists —
Immunohaematology QAP
Mr Graham Collins
Australian Institute of Medical Scientists
GPO Box 1535, Hobart TAS 7001
Tel: +61 3 6237 1244
Website: www.aims.org.au

National Serology Reference Laboratory Australia
QAPs in Anti-HIV, Anti-HTLV, Anti-HCV
QAPs for HIV RNA HCV RNA
Ms Kathy Smeh/Ms Susan Best
Tel: +61 3 9418 1110 / 61 3 9418 1123
Fax: +61 3 9418 1155
Email: kathy@nrl.gov.au

## NATA Approved to ILAC Guide 13
(Website: www.nata.asn.au)

Quality Control Technologies —
Trace Elements in Blood, Serum and Urine
Mr G Waller
Quality Control Technologies
PO Box 369
Charlestown, NSW 2290 Australia
Tel: +61 2 4947 8730
Fax: +61 2 4947 8730
Email: gwaller@hunterlink.net.au

Microbiological Testing
Food matrices
Cosmetic/pharmaceutical matrices
Environmental
General
Industrial
Legionella
Ms Ingrid Flemming
IFM Quality Services Pty Ltd
PO Box 351
Moorebank NSW 1875, Australia
Tel: +61 2 9618 3311
Fax: +61 2 9618 3355
Email: ingridflemming@ifmqs.com.au

## NATA Approved to ILAC Guide 13
(Website: www.nata.asn.au)
Veterinary Testing
Veterinary Microbiology
(ten case studies with culture, pathogen identification and antibiotic sensitivity testing)

Ms Ingrid Flemming
IFM Quality Services Pty Ltd
PO Box 351
Moorebank, NSW 1875, Australia
Tel: +61 2 9618 3311
Fax: +61 2 9618 3355
Email: ingridflemming@ifmqs.com.au

## NATA Approved to ILAC Guide 13
(Website: www.nata.asn.au)

Wide range of veterinary serology, virology and microbiology tests involved in disease control programs, biosecurity and health certification for livestock

Australian National Quality Assurance Program (ANQAP)
Primary Industries Research, Victoria
475 Mickleham Road
Attwood VIC 3049, Australia
Tel: +61 3 9217 4200
Fax: +61 3 9217 4299

NSW Agriculture
Parasitology — various tests

Gareth Hutchinson
EMAI PMB 8
CAMDEN NSW 2570
Tel: 02 4640 6369
Fax: 02 4640 6400
Email: gareth.hutchinson@agric.nsw.gov.au

TAF/CNLA, CHINESE TAIPEI

**PROGRAM**

- Tension tests
- Rockwell hardness tests

**CONTACT**

Mr Jason Hu
Materials Research Laboratories,
ITRI
Bldg. 77, 195-5 Chung Hsing Rd.,
Sec 4, Chutung, Hsinchu, Taiwan
Ph: 886 3 5915249
Fax: 886 3 5827127
E-mail: 890317@itri.org.tw

**Electrical Testing**

- EMC Proficiency Testing Program
- Electric Safety Proficiency Testing Program
- Low Power Radio Frequency Device Proficiency Testing Program

Miss Yu-Ying Chen
Taiwan Accreditation Foundation (TAF)
30, Ta-Hsueh Road, Hsin-Chu
Taiwan 300 R.O.C.
Ph: 886 3 5714848 ext 208, 203
Fax: 886 3 5726308
E-mail: yuyingchan@taftw.org.tw
Proficiency Testing Directory – APLAC PT 003

Construction Materials Testing
• Compressive strength for cylindrical concrete specimens Proficiency Testing Program
• Soil Compaction Test Proficiency Testing Program
• Water-soluble chloride ion concent in fine aggregate Proficiency Testing Program

Food
Dr Weiguang Fu
Food Industry Research & Development Institute
331 Hsin-Ping Road, Hsinchu 300, Taiwan
Ph: 886 3 5223191 ext. 303
Fax: 886 3 5214016
E-mail: fwg@firi.org.tw

Mechanical tests for Plastic
Mr Min-Kun Chen
Plastics Industry Development Center
Ph: 886 4 23595900 ext 621
Fax: 886 4 23595855
E-mail: cmk@mail.pidc.org.tw

Personnel Dosimeter Proficiency Testing
Ms Wuu Jyi-Lan
National Radiation Standard Laboratory
Health Physics Division, Institute of Nuclear Energy Research, Atomic Energy Council
PO Box 3-10 Lungtan 325 Taiwan R.O.C.
Ph: 886 3 4711400 ext. 7672
Fax: 886 3 4714132
E-mail: jlwuu@iner.gov.tw

1. Accidents low-energy photons
2. Accidents high-energy photons
3. Low-energy photons
4. High-energy photons
5. Beta particles
6. Photon mixture (a combination of categories 3 and 4)
7. Beta-photon mixture (a combination of categories 4 and 5)
8. Neutron-photon mixture
9. Angles of incidence photons (a combination of categories 3-B and 4)
### THAILAND

#### PROGRAM

**ASEAN FOODS** – programs in food component analysis

<table>
<thead>
<tr>
<th>Test Categories</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Prapasri Puwastien</td>
</tr>
<tr>
<td></td>
<td>Institute of Nutrition, Mahidol University at Salaya</td>
</tr>
<tr>
<td></td>
<td>Phutthamonthon 4</td>
</tr>
<tr>
<td></td>
<td>Nakorn Pathom, 73170</td>
</tr>
<tr>
<td></td>
<td>THAILAND</td>
</tr>
<tr>
<td></td>
<td>Ph: 66 2 800 2380 ext 410</td>
</tr>
<tr>
<td></td>
<td>Fax: 66 2 441 9344</td>
</tr>
<tr>
<td></td>
<td>Email: <a href="mailto:nuppw@mahidol.ac.th">nuppw@mahidol.ac.th</a></td>
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#### DSS THAILAND

<table>
<thead>
<tr>
<th>Test Categories</th>
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<tbody>
<tr>
<td></td>
<td>Mrs Suchin Srikongsri</td>
</tr>
<tr>
<td></td>
<td>Deputy Director General</td>
</tr>
<tr>
<td></td>
<td>Department of Science Service</td>
</tr>
<tr>
<td></td>
<td>Ministry of Science and Technology</td>
</tr>
<tr>
<td></td>
<td>75/7 Rama Vi Road, Bangkok 10400</td>
</tr>
<tr>
<td></td>
<td>Thailand</td>
</tr>
<tr>
<td></td>
<td>Tel : 662 201 7042</td>
</tr>
<tr>
<td></td>
<td>Fax : 662 644 7152</td>
</tr>
<tr>
<td></td>
<td>Email: <a href="mailto:suchin@dss.go.th">suchin@dss.go.th</a></td>
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#### Environmental Water

<table>
<thead>
<tr>
<th>Test Categories</th>
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<tbody>
<tr>
<td>COD</td>
<td>Ms Rachada Hempattawee</td>
</tr>
<tr>
<td>Heavy Metals</td>
<td>Coordinator</td>
</tr>
<tr>
<td>pH, Conductivity</td>
<td>Proficiency Testing Section</td>
</tr>
<tr>
<td>Suspended Solids</td>
<td>Bureau of Laboratory Accreditation</td>
</tr>
<tr>
<td></td>
<td>Department of Science Service</td>
</tr>
<tr>
<td></td>
<td>Ministry of Science and Technology</td>
</tr>
<tr>
<td></td>
<td>75/7 Rama Vi Road, Bangkok 10400</td>
</tr>
<tr>
<td></td>
<td>Thailand</td>
</tr>
<tr>
<td></td>
<td>Tel : 662 201 7333</td>
</tr>
<tr>
<td></td>
<td>Fax : 662 201 239</td>
</tr>
<tr>
<td></td>
<td>Email: <a href="mailto:rachada@dss.go.th">rachada@dss.go.th</a></td>
</tr>
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</table>

#### Chemical Testing (Food and Feed)

<table>
<thead>
<tr>
<th>Test Categories</th>
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<tbody>
<tr>
<td>Feeding Stuffs</td>
<td>Ms Srisuda Romraluk</td>
</tr>
<tr>
<td>Milk Powder</td>
<td>Coordinator</td>
</tr>
<tr>
<td>Starch</td>
<td>Proficiency Testing Section</td>
</tr>
<tr>
<td></td>
<td>Bureau of Laboratory Accreditation</td>
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<td></td>
<td>Department of Science Service</td>
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<td>Ministry of Science and Technology</td>
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<td>75/7 Rama Vi Road, Bangkok 10400</td>
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<td>Thailand</td>
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<tr>
<td></td>
<td>Tel : 662-201-7333</td>
</tr>
<tr>
<td></td>
<td>Fax : 662-201-7239</td>
</tr>
<tr>
<td></td>
<td>Email: <a href="mailto:srisuda@dss.go.th">srisuda@dss.go.th</a></td>
</tr>
</tbody>
</table>
### Chemical Testing
- Carbon and Low Alloy Steel
- Coal
- Tin Coating Weight

Ms Wannee Aupaiboon  
Ms Sukanya Pondet  
Coordinator
Proficiency Testing Section
Bureau of Laboratory Accreditation
Department of Science Service
Ministry of Science and Technology
75/7 Rama VI Road, Bangkok 10400 Thailand.
Tel: 662 201 7333  
Fax: 662 201 7239  
Email: wannee@dss.go.th  
Email: sukanya@dss.go.th

### Microbiological Testing (Food)
- Aerobic Plate Count
- Coliform
- Yeast

Dr Raviwan Artsamang  
Head of Proficiency Testing Section
Bureau of Laboratory Accreditation
Department of Science Service
Ministry of Science and Technology
75/7 Rama VI Road, Bangkok 10400 Thailand.
Tel: 662 201 7333  
Fax: 662 201 7239  
Email: raviwan@dss.go.th

### Calibration
- Volumetric Flask
- Pipette
- Vernier
- Analog Micrometer
- Digital Micrometer
- Electronic Balance
- Platinum Resistance Thermometer
- Liquid in Glass Thermometer
- Thermocouple Type K
- Digital Thermometer with probe
- Thermometer indicator
- Digital Multimeter

Dr Pochaman Tagheen  
Coordinator
Proficiency Testing Section
Bureau of Laboratory Accreditation
Department of Science Service
Ministry of Science and Technology
75/7 Rama VI Road, Bangkok 10400 Thailand.
Tel: 662 201 7333  
Fax: 662 201 7239  
Email: pochaman@dss.go.th
Physical Testing
Rubber
Lubricating Oil

Ms Jirawan Hunwattanakul
Ms Wannee Aupaiboon
Coordinator
Proficiency Testing Section
Bureau of Laboratory Accreditation
Department of Science Service
Ministry of Science and Technology
Ministry of Science and Technology
75/7 Rama VI Road, Bangkok 10400
Thailand.
Tel : 662-201-7333
Fax : 662-201-7239
Email: jirawan@dss.go.th
Email: wannee@dss.go.th

Microbiological Testing (Food)
Aerobic Plate Count
Coliform
Yeast

Dr Raviwan Artsamang
Head of Proficiency Testing Section
Bureau of Laboratory Accreditation
Department of Science Service
Ministry of Science and Technology
75/7 Rama VI Road, Bangkok 10400
Thailand.
Tel : 662 201 7333
Fax : 662 201 7239
Email: raviwan@dss.go.th

CAEAL, CANADA

PROGRAM

Environmental Water - Inorganic
- C-1A Major Ions
- C-1B NH3/DOC/o-P04
- C-1C Bromide/Nitrite
- C-2A Dissolved Metals/Metal Hydrides
- C-2B Dissolved metals (high range)
- C-2C Total metals
- C-3 TKN and TP
- C-4A TSS, VSS, TDS
- C-4B BOD
- C-4C Turbidity
- C-4D COD
- C-14 CN (SAD)
- C-15 pH
- C-19 Mercury
- C-32 Residual Chlorine

## A2LA Accredited to ILAC Guide 13
(Website: www.a2la.org)

CONTACT

Mr Ken Middlebrook
Proficiency Testing Manager
Canadian Association for Environmental Analytical Laboratories (CAEAL)
Suite 310, 1565 Carling Avenue
Ottawa, Ontario, Canada K1S 2E1
Ph: 61 3 233 5300
Fax: 61 3 233 5501
Email: kmiddlebrook@caeal.ca
Environmental Water - Organic
- C-6 OCP/PCB
- C-7 PAH
- C-16 BTEX/THM/VOC
- C-22 OP Pesticides
- C-24 Arloxy Acid Pesticides
- C-25 Phenolic Compounds
- C-27 Glyphosphate
- C-29 Aldicarb
- C-33 Phenolics
- C-34 Total oil and grease

Mr Ken Middlebrook
Proficiency Testing Manager
Canadian Association for Environmental Analytical Laboratories (CAEAL)
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Ottawa, Ontario, Canada K1S 2E1
Ph: 613 233 5300
Fax: 613 233 5501
Email: kmiddlebrook@caeal.ca

## A2LA Accredited to ILAC Guide 13
(Website: www.a2la.org)

Environmental Water - Toxicology
- C-11 Trout LC50
- C-12 Daphnia LC50
- C-13 Microtox IC50

Mr Ken Middlebrook
Proficiency Testing Manager
Canadian Association for Environmental Analytical Laboratories (CAEAL)
Suite 310, 1565 Carling Avenue
Ottawa, Ontario, Canada K1S 2E1
Ph: 613 233 5300
Fax: 613 233 5501
Email: kmiddlebrook@caeal.ca

## A2LA Accredited to ILAC Guide 13
(Website: www.a2la.org)

Environmental Water - Microbiology
- C-5A Microbiology (presence/absence)
- C-5B Microbiology (presence/absence)

Mr Ken Middlebrook
Proficiency Testing Manager
Canadian Association for Environmental Analytical Laboratories (CAEAL)
Suite 310, 1565 Carling Avenue
Ottawa, Ontario, Canada K1S 2E1
Ph: 613 233 5300
Fax: 613 233 5501
Email: kmiddlebrook@caeal.ca

## A2LA Accredited to ILAC Guide 13
(Website: www.a2la.org)

Environmental Oil – transformer
- C-8 Total PCB in Oil

Mr Ken Middlebrook
Proficiency Testing Manager
Canadian Association for Environmental Analytical Laboratories (CAEAL)
Suite 310, 1565 Carling Avenue
Ottawa, Ontario, Canada K1S 2E1
Ph: 613 233 5300
Fax: 613 233 5501
Email: kmiddlebrook@caeal.ca

## A2LA Accredited to ILAC Guide 13
(Website: www.a2la.org)
Environmental Air filter (quartz)
- C-9 Metals on Air Filters
- C-10 Major Ions on Air

## A2LA Accredited to ILAC Guide 13
(Website: www.a2la.org)

Mr Ken Middlebrook
Proficiency Testing Manager
Canadian Association for Environmental Analytical Laboratories (CAEAL)
Suite 310, 1565 Carling Avenue
Ottawa, Ontario, Canada K1S 2E1
Ph: 61 3 233 5300
Fax: 61 3 233 5501
Email: kmiddlebrook@caeal.ca

Environmental Soil/Sediment
- C-17 Metals in Soil
- C-18 PAH in Soil
- C31A PHC/BTEX in Soil
- C31B PHC in Soil

## A2LA Accredited to ILAC Guide 13
(Website: www.a2la.org)

Mr Ken Middlebrook
Proficiency Testing Manager
Canadian Association for Environmental Analytical Laboratories (CAEAL)
Suite 310, 1565 Carling Avenue
Ottawa, Ontario, Canada K1S 2E1
Ph: 61 3 233 5300
Fax: 61 3 233 5501
Email: kmiddlebrook@caeal.ca

Occupational Health
*Asbestos reference slides/filter wedges
- C-20 Asbestos
Air filter (cellulose ester) – metals
- C-21 Metals in Air
Charcoal Tube - organics
- C-28 Aromatic Organics in Air

## A2LA Accredited to ILAC Guide 13
(Website: www.a2la.org)
* not accredited

Mr Ken Middlebrook
Proficiency Testing Manager
Canadian Association for Environmental Analytical Laboratories (CAEAL)
Suite 310, 1565 Carling Avenue
Ottawa, Ontario, Canada K1S 2E1
Ph: 61 3 233 5300
Fax: 61 3 233 5501
Email: kmiddlebrook@caeal.ca

Mineral Analysis Testing
- Element concentrations in mineralogical test samples: Au, Ag, Pt, Pd, Cu, Zn, Pb, Ni, Co

## A2LA Accredited to ILAC Guide 13
(Website: www.a2la.org)

Coordinator, PTP-MAL
Natural Resources Canada
555 Booth Street,
Ottawa, Ontario, Canada K1A 0G1
Ph: 61 3 992 3893
Fax: 61 3 996 9673
Email: ptp@nrcan.gc.ca
Website: www.132.156.144.82/ptp/main.asp
Forensic Equine Drug Testing

- Drugs in equine urine, plasma or serum by qualitative and quantitative methods

## A2LA Accredited to ILAC Guide 13
(WWW: www.a2la.org)

Ms Adrienne Stevenson
Manager, Research & Analysis
Canadian Pari-Mutuel Agency
6 Antares Drive, Suite 12, Phase II
Nepean, Ontario, Canada K2E 8A9
Ph: 613 946 1694
Fax: 613 952 7466
Email: astevson@agr.gc.ca

Environmental Water

- Major Ions & Nutrients in Acid Rain & Soft Waters (1-60mS) 10 sample set
- Major Ions & Nutrients in Surface Waters (50-1000mS) 10 sample set
- Trace Elements in Surface Waters (1-500mg/L) 10 sample set
- Total Phosphorus in Fortified Waters (0-0.5mg/L) 10 sample set
- Total Mercury in Fortified Waters (0-0.5g/L) 10 sample set (in Sept/Oct only)

## A2LA Accredited to ILAC Guide 13
(WWW: www.a2la.org)

Harry Alkema
QA Specialist
NWRI PT studies & CRMs
National Water Research Institute
Environment Canada
867 Lakeshore Road
Burlington, Ontario
Canada L7R 4A6
Ph: 905 336 4929
Email: Harry.Alkema@ec.gc.ca

Trace Metals in biological samples

- ICP-MS Comparison Program for trace metals in biological samples (Human urine, whole blood, hair or biological tissues) for Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Hg, Mn, Mo, Ni, Pb, Pt, Sb, Se, Sn, Te, Ti, U, V, Zn. 3 samples/round

Alain LeBlanc
Centre de toxicologie
INSPP, 945 Wolfe Ave
Quebec Canada G1V 5B3
Ph: 418 650 5115 x4648
Fax: 418 654 2148
Email: alain.leblanc@inspq.qc.ca
Web site: www.ctq.gc.ca

Trace Metals in biological samples

- Interlaboratory Comparison Program for toxic substances in human biological fluids. Includes 17 analytes in blood or urine. 3 samples/round

Dr Jean-Philippe Weber
Director Human Toxicology
Centre de toxicologie
INSPP, 945 Wolfe Ave
Quebec, Quebec Canada G1V 5B3
Ph: 418 654 2254
Fax: 418 654 2148
Email: jwmeber@inspq.qc.ca
Website: www.ctq.gc.ca
Organics in biological samples:
- AMAP Ring Test for PCBs and OC pesticides in human serum

Dr Jean-Philippe Weber
Director Human Toxicology
Centre de toxicologie
INSPQ, 945 Wolfe Ave
Quebec, Quebec Canada G1V 5B3
Ph: 418 654 2254
Fax: 418 654 2148
Email: jpweber@inspq.qc.ca
Website: www.ctq.gc.ca

A2LA, USA

Accredited A2LA Proficiency Testing Programs
(Please refer to Scopes of Accreditation on A2LA website for more details)

PROGRAM

Standard Microbiology; Pathogen-Free Microbiology; Meat Microbiology;
Combination Pathogen Program; Meat Chemistry; Cheese Chemistry; Pesticide Residues in Fruits and Vegetables;
Salmonella in Liquid Egg

Major Ions; Ammonia; DOC; Orthophosphate; Bromide/Nitrite; Dissolved Metals; Metal Hydrides; TKN/TP; TSS; BOD; Turbidity; COD; Microbiology;
Organochlorine Pesticides/PCBs; Polycyclic Aromatic Hydrocarbons; PCB in Oil; Metals on Air Filters; Major Ions on Air Filters;
Trout LC50; Daphnia LC50; Microtox IC50; CN (SAD); pH; THM/VOCs; Metals in Soil/Sediment; PAH in Soil/Sediment;
Mercury; Pesticides; Phenolic Compounds; Glyphosate; Aromatic Organics in Air; Aldicarb; PHC in Soil; Residual Chlorine

CWA-Water; SDWA-Water; RCRA-Solid; SDWA-Radiochemistry; Environmental Toxicology; Water Pollution; Water Supply;
Soil/Hazardous Waste; Underground Storage Tank; Radiochemistry; DMR-QA

CONTACT

AOAC International
Arlene Fox
481 North Frederick Avenue
Gaithersburg, MD 20877-2417
Phone: 301 924 7077 x143

Canadian Association for Environmental Analytical Laboratories (CAEAL)
Ken Middlebrook
Suite 310-1565 Carling Avenue
Ottawa, Ontario, Canada K1Z8R1
Phone: 613 233 5300
Email: kmiddlebrook@caeal.ca

Environmental Resource Associates, Inc. (ERA)
Curtis Wood
5540 Marshall Street
Arvada, CO 80002
Phone: 303 431 8454
Proficiency Testing Directory – APLAC PT 003

Gage Blocks; Long Gage Blocks; Hand Gages; Plain Ring Gages; Thread Plug Gages; Thread Wires; CMM Measurement; Digital Multimeter; Temperature Simulation; Plain Plug Gages; Optical 2D Measurement; Dimensional Inspection; RF Power Sensor Calibration; Microwave Attenuator Calibration; Micrometer Master Rod Calibration; Mass Measurement; Torque Wrench Calibration

HN Proficiency Testing Inc.
Henrik Nielsen
10219 Coral Reef Way
Indianapolis, IN 46256
Phone: 317 713 2988
Web: www.hn-proficiency.com

Chemical (water, food, wine, asbestos, metal alloys, coal, fuels, paint), Biological (waters, pathogens in food, Legionella in water, carcass hygiene, algae, Cryptosporidium and Giardia in water, dairy), Construction Materials (soils, asphalt, aggregates, concrete), Mechanical (tensile testing of metals, hardness testing of metals, chains, textiles), Non-Destructive Testing (ultrasonics, radiography, magnetic particle inspection), Calibration (optics & radiometry, metrology, acoustic & vibration, electrical, heat & temperature)

Proficiency Testing, Australia
Phillip Briggs
PO Box 7507
Silverwater, NSW 2128
Australia
Phone: 61 2 9736 8397

Rockwell Hardness, Brinell Hardness, Vickers Hardness, Microindentation Hardness, Durometer Hardness, Leeb Hardness

Newage Testing Instruments, Inc.
Douglas McGhee
147 James Way
Southampton, PA 18966
Phone: 215 526 2200

Capacitance, Inductance, Resistance, Temperature, Frequency, Micrometers, Hardness, DC Voltage, Torque

Quametec Proficiency Testing Services
Jeff C. Gust
501 W. Van Buren St., Unit C
Columbia City, IN 46725
Phone: 260 244 7450

DMR-QA
Water Pollution
Water Supply
RCRA Solids
UST Water
UST Soils
Microbiology

Resource Technology Corporation (RTC)
Christopher Rucinski
2931 Soldier Springs Road
Laramie, WY 82070
Phone: 307 742 5452
Email: crucinski@RT-Corp.com
## A2LA, USA

### Non A2LA Accredited Proficiency Testing Programs

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CONTACT</th>
</tr>
</thead>
</table>
| DMR-QA Water Supply Water Pollution  
(Accredited by NVLAP) | Absolute Standards  
Steve Arpie  
P.O. Box 5585  
Hamden, CT 06518  
Phone: 203 281 2917  
Email: stephenarpie@mac.com |
Janet Allen  
1629 K Street NW, Suite 400  
Washington, DC 20006  
Phone: 202 887 5872  
Website: www.acil.org |
| IHPAT –  
(1) metals, organics, asbestos, silica quarterly)  
(2) Diffusive samples (semi-annually) | AIHA  
Kim Banks  
Manager LQAP  
2700 Prosperity Avenue, Suite 250  
Fairfax, VA 22031  
Phone: 703 846 0789  
Fax: 703 207 8558  
www.aiha.org |
| BAPAT - bulk asbestos (quarterly) **  
(** Participation required for A2LA-accredited PLM laboratories) |  |
| ELPAT – Pb in paint, soil, dust wipes, air (quarterly) **  
(** Participation required for the A2LA Environmental Lead (Pb) Accreditation Program) |  |
| EMPAT – fungi and bacteria (three times per year) |  |
| BePAT – Beryllium (three times per year) |  |
| AAT – Asbestos air samples (quarterly) **  
(** Participation required for A2LA-accredited PCM laboratories) |  |
Proficiency Testing Directory – APLAC PT 003

Smalley Program
Edible Oils
(Contact program coordinator for the list of oils available.)

American Oil Chemists Society
Dawn Shepard
P.O. Box 3489
Champaign, IL 61826-3489
Phone: 217 359 2344
Fax: 217 351 8091
www.aocs.org

APG – PET
Wastewater (monthly)
Drinking Water (quarterly)
DMR Discharge Monitoring
(Accredited by NVLAP)

Analytical Products Group, Inc.
Thomas V. Coyner, President
Contact: Melissa McNamara
2730 Washington Blvd.
Belpre, OH 45714
Phone: 800 272 4442
Fax: 614 423 5588
www.apgqa.com
www.dmrqa.com

ILAP/LPED
Metal alloys
(monthly, quarterly, semi-annually and at custom frequencies)

Analytical Reference materials
International, Inc. (ARMI)
Paul Dalager
700 Corporate Circle, Suite A
Golden, CO 80401
Phone: 800 421 9454
Fax: 303 216 2649
Email: lped@armi.com
www.armi.com

Environmental Solid Waste
Water Pollution
Water Supply

Analytical Standards Incorporated
Frederick S. Anderson, President
6331 Emerson Avenue
Parkersburg, WV 26104
Phone: 304 422 4274
Fax: 304 422 4761
www.asipt.com

Food microbiology and food chemistry samples
(three times per year)

American Proficiency Institute
Sue Empson
1159 Business Park Drive
Traverse City, MI 49686
Phone: 800 333 0958
Fax: 231 941 7287
Email: foodtest@api-pt.com
<table>
<thead>
<tr>
<th>Proficiency Testing Directory – APLAC PT 003</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ASTM Committees E1 &amp; D2 Programs</strong> – Metals, Petroleum Products, Plastics, Textiles, Engine Coolants</td>
</tr>
<tr>
<td>ASTM</td>
</tr>
<tr>
<td>Manager, Proficiency Testing Program</td>
</tr>
<tr>
<td>100 Barr Harbor Drive</td>
</tr>
<tr>
<td>West Conshohoken, PA 19428-2959</td>
</tr>
<tr>
<td>Phone: 610 832 9681</td>
</tr>
<tr>
<td>Fax: 610 832 9668</td>
</tr>
<tr>
<td><a href="http://www.astm.org">www.astm.org</a></td>
</tr>
<tr>
<td><strong>CCRL, AMRL, AASHTO</strong> – Concrete, Cement, Soils, Asphalt Aggregate (** Participation in SPSP of AASHTO required for Geotechnical laboratories accredited for ASTM methods that specify this proficiency testing program. ** )</td>
</tr>
<tr>
<td>CCRL</td>
</tr>
<tr>
<td>James H. Pielert</td>
</tr>
<tr>
<td>100 Bureau Drive, Stop 8618</td>
</tr>
<tr>
<td>Gaithersburg, MD 20899-8618</td>
</tr>
<tr>
<td>Phone: 301 975 6701</td>
</tr>
<tr>
<td>Fax: 301 975 2243</td>
</tr>
<tr>
<td>Email: <a href="mailto:ccrl@nist.gov">ccrl@nist.gov</a></td>
</tr>
<tr>
<td><strong>Plastics, Rubber (mechanical), Metals, Paper, Color, Fasteners (chemical &amp; mechanical), Forensics</strong></td>
</tr>
<tr>
<td>Collaborative Testing Services, Inc.</td>
</tr>
<tr>
<td>P.O. Box 650820</td>
</tr>
<tr>
<td>Sterling, VA 20165-0820</td>
</tr>
<tr>
<td>Phone: 571 434 1925</td>
</tr>
<tr>
<td>Fax: 571 434 1937</td>
</tr>
<tr>
<td><a href="http://www.collaborativetesting.com">www.collaborativetesting.com</a></td>
</tr>
<tr>
<td><strong>CAP Surveys (over 100 programs with clinical analytes)</strong></td>
</tr>
<tr>
<td>College of American Pathologists</td>
</tr>
<tr>
<td>Kathy Cilia, Manager, Client Relations</td>
</tr>
<tr>
<td>325 Waukegan Road</td>
</tr>
<tr>
<td>Northfield, IL 60093-2750</td>
</tr>
<tr>
<td>Phone: 847 832 7615</td>
</tr>
<tr>
<td>Fax: 847 832 8143</td>
</tr>
<tr>
<td><strong>Coal (restricted)</strong></td>
</tr>
<tr>
<td>Commercial Testing &amp; Engineering Company</td>
</tr>
<tr>
<td>James Gerloff</td>
</tr>
<tr>
<td>P.O. Box 127</td>
</tr>
<tr>
<td>16130 Van Drunen Road</td>
</tr>
<tr>
<td>South Holland, IL 60473</td>
</tr>
<tr>
<td>Phone: 708 331 2900</td>
</tr>
<tr>
<td>Fax: 708 333 3060</td>
</tr>
<tr>
<td>Email: <a href="mailto:lqsi@sgs.com">lqsi@sgs.com</a></td>
</tr>
<tr>
<td><a href="http://www.comteco.com">www.comteco.com</a></td>
</tr>
</tbody>
</table>
Petroleum and petrochemical products; Plastics & Textiles; Edible Oils & Fats; Rubber; Customized proficiency tests at client request

(Accredited by the Dutch Accreditation Board RvA)

Institute for Interlaboratory Studies
Malledijk 18
P.O. Box 200
3200 AE Spijkenisse
The Netherlands
Phone: 31 181 69 4540
Fax: 31 181 69 4543
Email: isnl@sgs.com
www.iisnl.com

Coal

INTERLAB, Division of Vanguard Solutions
Karen Williams
P.O. Box 1970
Ashland, KY 41105-1970
Phone: 606 325 1970
Fax: 606 325 2689
Email: infor@vanguard-solutions.com
www.vanguard-solutions.com

Animal Drug Samples

International Interlaboratory Testing Program (IITP)
Iowa State University
Walter Hyde, Ph.D.
Department of Racing Chemistry
College of Veterinary Medicine
Ames, IA 50011
Phone: 515 294 1950 x2636
Fax: 515 294 3182

Water Microbiology

LabProficiency
A Division of Chrisope Technologies
Theresa Stokeld
3941 Ryan Street
Lake Charles, LA 70605
Phone: 800 256 4376
Fax: 3337 479 1006
www.remel.com
Ores Containing Gold, Silver, Platinum, Palladium, Copper, Zinc, Lead, Nickel, Cobalt

Mineral Analysis Laboratories
Dr. Clint Smith
555 Booth St.
Ottawa, Ontario, Canada K1A9G1
Phone: 613 992 3893
Fax: 613 996 9673
Email: clsmith@NRCan.gc.ca

Calibration Artifacts
National Association for Proficiency Testing (NAPT)
Chuck Ellis
8100 Wayzata Boulevard
St. Louis Park, MN 55426
Phone: 763 525 1488
Fax: 305 425 5728
Email: napt@proficiency.org
www.proficiency.org

Salt Spray (ASTM B117)
CASS Test (ASTM B368)
Cyclic Corrosion (GM 9540P)
National Exposure Testing
Christa Lammers
3545 Silica Road, Suite E
Sylvania, OH 43560
Phone: 419 841 1065
Fax: 419 841 8716
www.nationalexposuretesting.com

Drinking Water; Environmental Analysis
Water; Solid/Hazardous Waste; Waste; Air Emissions
New York State Department of Health, Environmental Laboratory Approval Program
Kenneth Jackson
6 Tower Place, Room 202
Executive Park South
Albany, NY 12203
Phone: 518 485 5570

Mass, Length, Volume
NIST – Office of Weights and Measures
Georgia Harris
100 Bureau Drive – Stop 2600
Gathersburg, MD 20899-2350
Phone: 301 975 4014
Fax: 301 926 0647
Email: gharris@nist.gov
Fertilizers
North Carolina Dept of Agriculture
Dr. Joel S. Padmore
4000 Ready Creek Road
Raleigh, NC  27607
Phone:  919 733 7366
Fax:  919 733 6801
www.magruderchecksample.org

DMR-QA
NSI Solutions, Inc.
Water Supply
Mark Hammersla
Water Pollution
7517 Precision Drive
Suite 101
Raleigh, NC  27617
Email: mark.hammersla@nsi-es.com
(Accredited by NVLAP)

Forensic Drug, Asbestos, Environmental
Research Triangle Institute (RTI)
Pb, Reference Materials & Calibration
P.O. Box 12194
Standards, Diabetes Testing
3040 Cornwallis Road, Blg #7
Research Triangle Park, NC  27709
Phone:  919 541 6000
www.rti.org

DMR-QA
SPEX CertiPrep, Inc.
Water Supply
Ralph Obenauf
Water Pollution
203 Norcross Avenue
Metuchen, NJ  08840
Phone:  732 549 7144
(Accredited by NVLAP)
Email: robenauf@spex.sp.com

Putting Green Samples **
USGA Green Section Proficiency
(** Participation required for laboratories
Testing Program
accredited under the A2LA Putting Green
Dr. Robert O. Miller
Materials Program)
Colorado State University
Soil & Crop Science Department
Phone:  970 686 5702
Fax:  970 416 5820
Email: rmiller@lamar.colostate.edu

DMR-QA
Wibby Environmental
Water Supply
Chuck Wibby
6390 Joyce Drive, #100
Golden, CO  80403
(Accredited by NVLAP)
Phone:  303 940 0033
Email: cwibby@wibby.com