



# CALA Scope of Accreditation

**Laboratory Name:** ISURA

**Client ID:** 1004022

**Parent Institution:**

**Address:** 101-3680 Bonneville Place, Burnaby, British Columbia, V3N 4T5

**Contact:**

**Email:** info@isura.ca

**Phone:** 604-420-1025

**Fax:**

**Standard:** Conforms with requirements of ISO/IEC 17025:2017

**Clients Served:**

**Revised On:** 07/26/2023

**Valid To:** 02/07/2026

## 001 - Pesticides

---

**Field of Accreditation:** Natural Health Products

**Matrix:** Natural Health Products

**Analytical Method:** GC/MS/MS

**Preparation Method:**

**Lab Method ID(s):** MS-01 PESTICIDE

Method Reference	Modified From	Analytical Method	Preparation Method
USP 561	No	Yes	No
EN15662	Yes	Yes	Yes

### Parameter

2,4'-DDD (o,p'-DDD)  
 2,4'-DDE (o,p'-DDE)  
 4,4'-DDD (p,p'-DDD)  
 4,4'-DDE (p,p'-DDE)  
 a - Chlordane  
 A -BHC  
 Alachlor  
 Aldrin  
 beta-Hexachlorocyclohexane (b-HCH, b-BHC, beta-HCH, beta-BHC)  
 Bromophos-ethyl  
 Bromophos-methyl  
 Bromopropylate  
 Chlorpyrifos ethyl  
 Chlorpyrifos methyl (Reldan)  
 Chlorthal-dimethyl  
 Cyfluthrin  
 Cypermethrin  
 delta-Hexachlorocyclohexane (d-HCH, d-BHC, delta-HCH, delta-BHC)  
 Deltamethrin  
 Dichlofluanid  
 Dicofol  
 Dieldrin  
 Endosulfan I  
 Endosulfan II  
 Endosulfan sulfate (Endosulphan sulphate)  
 Endrin  
 epsilon-BHC  
 Fenchlorophos-oxon (Ronoxon)  
 Fenchlorphos (Ronnel)  
 Fenitrothion  
 Fenpropathrin  
 Fensulfothion sulfone  
 Fenthion  
 Fenthion sulfone  
 Fenvalerate  
 Flucytrinate  
 Fonofos  
 g - Chlordane  
 Heptachlor  
 Heptachlor endo-epoxide  
 Heptachlor epoxide  
 Hexachlorobenzene (HCB)  
 Lindane (gamma-BHC)  
 Methacriphos  
 Methidathion (Supracide)  
 Methyl parathion (Parathion-methyl)  
 Mirex

**Parameter**

o,p' - DDT  
 Oxychlorane  
 p,p' - DDT  
 p,p' Methoxychlor  
 Paraoxon-methyl  
 Parathion (ethyl)  
 Pentachloroaniline  
 Pentachloroanisole  
 Pentachloronitrobenzene (Quintozone)  
 Pentachlorothioanisole (Methyl pentachlorophenyl sulfide)  
 Permethrin  
 Phorate (Thimet)  
 Phosalone  
 Procymidone  
 Prothiophos (Tokuthion)  
 S-421  
 Tecnazene  
 Tetradifon  
 Vinclozolin

**002 - Pesticides****Field of Accreditation:** Natural Health Products**Matrix:** Natural Health Products**Analytical Method:** LC/MS/MS**Preparation Method:****Lab Method ID(s):** MS-01 PESTICIDE

Method Reference	Modified From	Analytical Method	Preparation Method
USP 561	No	Yes	No
EN15662	Yes	Yes	Yes

**Parameter**

Acephate  
 Atrazine  
 Azinphos-ethyl  
 Azinphos-methyl  
 Bendiocarb  
 Carbaryl  
 Carbofuran  
 Chlorfenvinphos  
 Cinerin I  
 Cinerin II  
 Cyanazine  
 Diazinon  
 Dichlorvos (DDVP)  
 Dimethoate  
 Diuron  
 Ethion  
 Etrimfos  
 Fensulfothion  
 Fensulfothion oxon  
 Fensulfothion oxon sulfone  
 Fenthion oxon  
 Fenthion oxon sulfone  
 Fenthion oxon sulfoxide  
 Fenthion sulfoxide  
 Jasmolin I  
 Jasmolin II  
 Malaaxon  
 Malathion  
 Mecarbam  
 Methamidophos  
 Metolachlor  
 Metribuzin (Sencor)  
 Monocrotophos  
 N-Desethyl-pirimiphos-methyl  
 Omethoate  
 Paraoxon-ethyl  
 Pendimethalin  
 Phosmet (Imidan)  
 Piperonyl butoxide  
 Pirimiphos-ethyl  
 Pirimiphos-methyl  
 Profenofos  
 Pyrethrin I  
 Pyrethrin II

**Parameter**

Quinalphos  
Simazine

**003 - Total Dithiocarbamates****Field of Accreditation:** Natural Health Products**Matrix:** Natural Health Products**Analytical Method:** GC/MS-HEADSPACE**Preparation Method:****Lab Method ID(s):** MS-02 GC-EBDC**Method Reference**

A. ROYER, ET AL. 2001 DEVELOPMENT OF AUTOMATED HEADSPACE GAS CHROMATOGRAPHY DETERMINATION OF DITHIOCARBAMATES IN PLANT MATRICES

Modified From	Analytical Method	Preparation Method
Yes	Yes	Yes

**Parameter**

Total Dithiocarbamates

**004 - Genetically Modified Food (GMO)****Field of Accreditation:** Natural Health Products**Matrix:** Natural Health Products [Food, Oils, Powder]**Analytical Method:** QUANTITATIVE POLYMERASE CHAIN REACTION (PCR)**Preparation Method:****Lab Method ID(s):** GMO-01**Method Reference**

TAQMAN FAST ADVANCED MASTER MIX USER GUIDE REV D JULY 2017

Modified From	Analytical Method	Preparation Method
No	Yes	No

**Parameter**

GMO (Screening)

**005 - Heavy Metals****Field of Accreditation:** Natural Health Products**Matrix:** Natural Health Products**Analytical Method:** ICP/MS**Preparation Method:****Lab Method ID(s):** MS-03 ICPMS HEAVY METALS

Method Reference	Modified From	Analytical Method	Preparation Method
USP 232	No	Yes	No
USP 233	Yes	Yes	Yes

**Parameter**

Arsenic  
Barium  
Cadmium  
Cesium  
Chromium  
Copper  
Iridium  
Iron  
Lead  
Mercury  
Molybdenum  
Nickel  
Osmium  
Palladium  
Platinum  
Ruthenium  
Selenium  
Strontium  
Vanadium  
Zinc

**006 - Residual Solvents****Field of Accreditation:** Natural Health Products**Matrix:** Natural Health Products**Analytical Method:** GC/MS-HEADSPACE**Preparation Method:****Lab Method ID(s):** MS-04 GCMS RESIDUAL SOLVENTS

Method Reference	Modified From	Analytical Method	Preparation Method
USP 467	Yes	Yes	Yes

**Parameter**

1,1,1-Trichloroethane  
1,1-Dichloroethylene  
1,2-Dichloroethane  
1,2-Dimethoxyethane

**Parameter**

1-Butanol (n-Butanol)  
 1-Pentanol  
 1-Propanol (Propanol)  
 2-Butanol (sec-Butanol)  
 2-Hexanone (Methyl butyl ketone, MBK)  
 2-Methyl-1-propanol (Isobutanol)  
 2-Propanol (Isopropyl alcohol)  
 3-Methyl-1-butanol  
 Acetone (2-Propanone)  
 Acetonitrile Suspended on 7/6/2023  
 Anisole  
 Benzene  
 Butyl acetate  
 Carbon tetrachloride  
 Chlorobenzene  
 Chloroform  
 cis-1,2-Dichloroethylene  
 Cyclohexane  
 Dichloromethane  
 Ethanol  
 Ethyl acetate  
 Ethyl ether  
 Ethyl formate  
 Ethylbenzene  
 Heptane (n-Heptane)  
 Hexane (n-Hexane)  
 Isobutylacetate (2-Methylpropyl acetate)  
 Isopropyl acetate  
 Isopropylbenzene (Cumene)  
 m,p-Xylene  
 Methanol  
 Methyl acetate  
 Methyl ethyl ketone  
 Methyl formate  
 Methyl isobutyl ketone (MIBK)  
 Methyl t-butyl ether  
 Methylcyclohexane  
 Nitromethane  
 o-Xylene  
 p-Dioxane  
 Pentane  
 Propyl acetate  
 Pyridine  
 Tetrahydrofuran (THF)  
 Tetralin (1,2,3,4-Tetrahydronaphthalene)  
 Toluene  
 trans-1,2-Dichloroethylene  
 Trichloroethylene

**007 - Glyphosate**

---

**Field of Accreditation:** Natural Health Products**Matrix:** Natural Health Products**Analytical Method:** LC/MS/MS**Preparation Method:****Lab Method ID(s):** MS-05

Method Reference	Modified From	Analytical Method	Preparation Method
USGS METHOD 5-A10	Yes	Yes	Yes

**Parameter**

Glyphosate

**008 - Glyphosate**

---

**Field of Accreditation:** Environmental**Matrix:** Water**Analytical Method:** LC/MS/MS**Preparation Method:****Lab Method ID(s):** MS-05

Method Reference	Modified From	Analytical Method	Preparation Method
USGS METHOD 5-A10	No	Yes	Yes

**Parameter**

Glyphosate

† "OSDWA" indicates the appendix is used for the analysis of Ontario drinking water samples, which is subject to the rules and related regulations under the Ontario "Safe Drinking Water Act" (2002).

The list of tests and measurement capabilities for which a laboratory is accredited can change at any time due to circumstances such as scope extensions, voluntary withdrawal of tests by the laboratory and suspension. Scopes are published by the CALA via the Internet at [http://www.cala.ca/cala\\_directories.html](http://www.cala.ca/cala_directories.html)

© 2021 CALA Inc.