



# OREGON

## Environmental Laboratory Accreditation Program



NELAP Recognized

**ChemHistory**

**4057**

5691-C SE International Way

Milwaukie, OR 97222

IS GRANTED APPROVAL BY ORELAP UNDER THE 2009 TNI STANDARDS, TO PERFORM ANALYSES ON ENVIRONMENTAL SAMPLES IN MATRICES AS LISTED BELOW :

<i>Air</i>	<i>Drinking Water</i>	<i>Non Potable Water</i>	<i>Solids and Chem. Waste</i>	<i>Tissue</i>
			Chemistry	Chemistry
			Field Sampling	Field Sampling

AND AS RECORDED IN THE LIST OF APPROVED ANALYTES, METHODS, ANALYTICAL TECHNIQUES, AND FIELDS OF TESTING ISSUED CONCURRENTLY WITH THIS CERTIFICATE AND REVISED AS NECESSARY.

ACCREDITED STATUS DEPENDS ON SUCCESSFUL ONGOING PARTICIPATION IN THE PROGRAM AND CONTINUED COMPLIANCE WITH THE STANDARDS.

CUSTOMERS ARE URGED TO VERIFY THE LABORATORY'S CURRENT ACCREDITATION STATUS IN OREGON.

Alia D. Servin, Ph.D.  
Oregon State Public Health Laboratory  
ORELAP Program Manager  
7202 NE Evergreen Parkway, Suite 100  
Hillsboro, OR 97124

EFFECTIVE DATE : 12/16/2018

EXPIRATION DATE : 12/15/2019

Certificate No : 4057 - 003





# OREGON

## Environmental Laboratory Accreditation Program



### ORELAP Fields of Accreditation

ORELAP ID: 4057

### ChemHistory

EPA CODE: TEMP06

5691-C SE International Way

Certificate: 4057 - 003

Milwaukie, OR 97222

Issue Date: 12/16/2018 Expiration Date: 12/15/2019

As of 12/16/2018 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Code	Analyte	Code	Description
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### Biological Tissue

AOAC 2007.01 & EN 15662: GC-MS/MS	705	Chlorfenapyr	806	Pesticides by GC-MS-MS
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- 7345 Cyfluthrin
- 7346 Cypermethrin
- 712 Fipronil
- 714 Fludioxonil
- 7825 Methyl parathion (Parathion, methyl)
- 7860 MGK-264

AOAC 2007.01 & EN 15662: LC-MS/MS	7366	Abamectin	805	Pesticides by LC-MS-MS
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- 7000 Acephate
- 700 Acequinocyl
- 701 Acetamiprid
- 7010 Aldicarb (Temik)
- 702 Azoxystrobin
- 7116 Bifenazate
- 7117 Bifenthrin
- 703 Boscalid
- 7195 Carbaryl (Sevin)
- 7205 Carbofuran (Furaden)
- 704 Chlorantraniliprole
- 7300 Chlorpyrifos
- 706 Clofentezine
- 707 Daminozide
- 7410 Diazinon
- 8610 Dichlorvos (DDVP, Dichlorvos)
- 7475 Dimethoate
- 7570 Ethoprop
- 708 Etofenprox
- 709 Etoxazole
- 710 Fenoxycarb
- 711 Fenpyroximate
- 713 Flonicamid
- 715 Hexythiazox
- 716 Imazalil
- 7702 Imidacloprid
- 728 Kresoxim-methyl
- 7770 Malathion
- 7790 Metalaxyl



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#### Biological Tissue

AOAC 2007.01 & EN 15662: LC-MS/MS

- 7800 Methiocarb (Mesurol)
- 7805 Methomyl (Lannate)
- 7893 Myclobutanil
- 7905 Naled
- 7940 Oxamyl
- 7947 Paclobutrazol
- 7975 Permethrin (total)
- 8000 Phosmet (Imidan)
- 9550 Piperonyl butoxide
- 203 Prallethrin
- 717 Propiconazole
- 8080 Propoxur (Baygon)
- 718 Pyrethrins (total)
- 719 Pyridaben
- 720 Spinosad
- 721 Spiromesifen
- 722 Spirotetramat
- 723 Spiroxamine
- 724 Tebuconazole
- 725 Thiachloprid
- 726 Thiamethoxam
- 727 Trifloxystrobin

AOAC 966.02 - Gravimetric

- 3850 Moisture content

810 Moisture in tobacco.

AOAC 978.18

- 910 Water Activity

809 Water Activity

J AOAC 2015 V98-6

- 5415 Cannabidiol (CBD)
- 5420 Cannabidiolic acid (CBDA)
- 5430 Cannabinol (CBN)
- 5405 Tetrahydrocannabinol (THC)
- 5410 Tetrahydrocannabinolic acid (THCA)

818 Cannabinoids in Cannabis by HPLC-UV

ORELAP-SOP-001 3.1

- 1405 Incremental Sampling
- 1441 Sampling

9000116 Collecting Samples of Usable Marijuana

ORELAP-SOP-002 3.2

- 1405 Incremental Sampling
- 1441 Sampling

9000115 Collecting Samples of Cannabis Concentrates, Extracts, and Products



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### Solids

AOAC 2007.01 & EN 15662: GC-MS/MS		806	Pesticides by GC-MS-MS
705	Chlorfenapyr		
7345	Cyfluthrin		
7346	Cypermethrin		
712	Fipronil		
714	Fludioxonil		
7825	Methyl parathion (Parathion, methyl)		
7860	MGK-264		

AOAC 2007.01 & EN 15662: LC-MS/MS		805	Pesticides by LC-MS-MS
7366	Abamectin		
7000	Acephate		
700	Acequinocyl		
701	Acetamiprid		
7010	Aldicarb (Temik)		
702	Azoxystrobin		
7116	Bifenazate		
7117	Bifenthrin		
703	Boscalid		
7195	Carbaryl (Sevin)		
7205	Carbofuran (Furaden)		
704	Chlorantraniliprole		
7300	Chlorpyrifos		
706	Clofentezine		
707	Daminozide		
7410	Diazinon		
8610	Dichlorvos (DDVP, Dichlorvos)		
7475	Dimethoate		
7570	Ethoprop		
708	Etofenprox		
709	Etoxazole		
710	Fenoxycarb		
711	Fenpyroximate		
713	Flonicamid		
715	Hexythiazox		
716	Imazalil		
7702	Imidacloprid		
728	Kresoxim-methyl		
7770	Malathion		
7790	Metalaxyl		
7800	Methiocarb (Mesurol)		
7805	Methomyl (Lannate)		



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### Solids

AOAC 2007.01 & EN 15662: LC-MS/MS	7893	Myclobutanil		
	7905	Naled		
	7940	Oxamyl		
	7947	Paclobotrazol		
	7975	Permethrin (total)		
	8000	Phosmet (Imidan)		
	9550	Piperonyl butoxide		
	203	Prallethrin		
	717	Propiconazole		
	8080	Propoxur (Baygon)		
	718	Pyrethrins (total)		
	719	Pyridaben		
	720	Spinosad		
	721	Spiromesifen		
	722	Spirotetramat		
	723	Spiroxamine		
	724	Tebuconazole		
	725	Thiacloprid		
	726	Thiamethoxam		
	727	Trifloxystrobin		
AOAC 966.02 - Gravimetric	810	Moisture in tobacco.		
	3850	Moisture content		
AOAC 978.18	809	Water Activity		
	910	Water Activity		
J AOAC 2015 V98-6	818	Cannabinoids in Cannabis by HPLC-UV		
	5415	Cannabidiol (CBD)		
	5420	Cannabidolic acid (CBDA)		
	5430	Cannabinol (CBN)		
	5405	Tetrahydrocannibol (THC)		
	5410	Tetrahydrocannibolic acid (THCA)		
ORELAP-SOP-001 3.1	9000116	Collecting Samples of Usable Marijuana		
	1405	Incremental Sampling		
	1441	Sampling		
ORELAP-SOP-002 3.2	9000115	Collecting Samples of Cannabis Concentrates, Extracts, and Products		
	1405	Incremental Sampling		
	1441	Sampling		
USP 467 GC-MS V8	984	Residual Solvents		
	4735	1,4-Dioxane (1,4- Diethyleneoxide)		
	4666	2,2-Dimethylbutane		
	4669	2,3-Dimethylbutane		
	5866	2-Ethoxyethanol (cellosolve)		



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Solids	USP 467 GC-MS V8		
		4941	2-Methylpentane (Isohexane)
		4942	2-methylpropane (Isobutane)
		4534	3-Methylpentane
		4315	Acetone
		4320	Acetonitrile
		4375	Benzene
		4555	Cyclohexane
		4725	Diethyl ether
		4755	Ethyl acetate
		4785	Ethylene glycol
		4795	Ethylene oxide
		4890	Isopropyl acetate
		4895	Isopropyl alcohol (2-Propanol, Isopropanol)
		4900	Isopropylbenzene (Cumene)
		4930	Methanol
		4975	Methylene chloride (Dichloromethane)
		5007	n-Butane
		4825	n-Heptane
		4855	n-Hexane
		5028	n-Pentane
		5029	n-Propane
		9607	sec-Butyl Alcohol (2-Butanol)
		5120	Tetrahydrofuran (THF)
		5140	Toluene
		5260	Xylene (total)

