



OREGON

Environmental Laboratory Accreditation Program



NELAP Recognized

Juniper Analytics

4101

1334 NE 2nd Street

Bend, OR 97701

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.

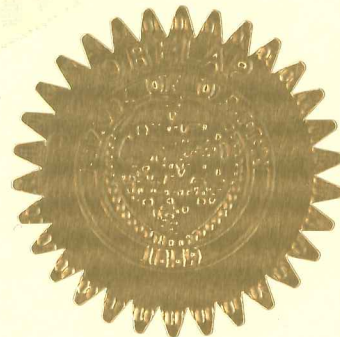
Stephanie Ringsage

Stephanie Ringsage
Oregon State Public Health Laboratory
ORELAP Program Manager
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Hillsboro, OR 97124

EFFECTIVE DATE : 09/9/2019

EXPIRATION DATE : 09/8/2020

Certificate No : 4101 - 005





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Environmental Laboratory Accreditation Program



ORELAP Fields of Accreditation

ORELAP ID: 4101

Juniper Analytics

EPA CODE: TEMP20

1334 NE 2nd Street

Certificate: 4101 - 005

Bend, OR 97701

Issue Date: 10/22/2019 Expiration Date: 9/8/2020

As of 10/22/2019 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:
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
- 705 Chlorfenapyr
- 7300 Chlorpyrifos
- 7965 cis-Permethrin
- 729 cis-Permethrin
- 706 Clofentezine
- 7345 Cyfluthrin
- 7346 Cypermethrin
- 707 Daminozide
- 7410 Diazinon
- 8610 Dichlorvos (DDVP, Dichlorvos)
- 7475 Dimethoate
- 7570 Ethoprop
- 708 Etofenprox
- 709 Etoxazole
- 710 Fenoxycarb
- 711 Fenpyroximate
- 712 Fipronil
- 713 Flonicamid
- 714 Fludioxonil
- 715 Hexythiazox
- 716 Imazalil
- 7702 Imidacloprid
- 728 Kresoxim-methyl
- 7770 Malathion
- 7790 Metalaxyl
- 7800 Methiocarb (Mesurol)
- 7805 Methomyl (Lannate)



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Biological Tissue

AOAC 2007.01 & EN 15662: LC-MS/MS	7825	Methyl parathion (Parathion, methyl)	
	7860	MGK-264	
	7893	Myclobutanil	
	7905	Naled	
	7940	Oxamyl	
	7947	Paclobutrazol	
	7975	Permethrin (total)	
	8000	Phosmet (Imidan)	
	9550	Piperonyl butoxide	
	203	Prallethrin	
	717	Propiconazole	
	8080	Propoxur (Baygon)	
	8090	Pyrethrin I	
	718	Pyrethrins (total)	
	719	Pyridaben	
	720	Spinosad	
	721	Spiromesifen	
	722	Spirotetramat	
	723	Spiroxamine	
	724	Tebuconazole	
	725	Thiacloprid	
	726	Thiamethoxam	
	7970	trans Permethrin	
	727	Trifloxystrobin	
AOAC 934.01	815	Loss on Drying (Moisture) for feed @ 95 -100 C	
	3850	Moisture content	
AOAC 978.18 AOAC 978.18	809	Water Activity	
	910	Water Activity	
ORELAP-SOP-001 3.1	9000116	Collecting Samples of Usable Marijuana	
	1441	Sampling	
UNODC 5.4.8 UNODC 5.4.8	814	HPLC for Analysis of Cannabinoids	
	5415	Cannabidiol (CBD)	
	5420	Cannabidiolic acid (CBDA)	
	5435	Cannabigerol (CBG)	
	5430	Cannabinol (CBN)	
	5405	Tetrahydrocannabinol (THC)	
	5410	Tetrahydrocannabinolic acid (THCA)	

Solids

AOAC 2007.01 & EN 15662: LC-MS/MS	805	Pesticides by LC-MS-MS	
	7366	Abamectin	
	7000	Acephate	



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Solids

AOAC 2007.01
& EN 15662:
LC-MS/MS

- 700 Acequinocyl
- 701 Acetamidrid
- 7010 Aldicarb (Temik)
- 702 Azoxystrobin
- 7116 Bifenazate
- 7117 Bifenthrin
- 703 Boscalid
- 7195 Carbaryl (Sevin)
- 7205 Carbofuran (Furaden)
- 704 Chlorantraniliprole
- 705 Chlorfenapyr
- 7300 Chlorpyrifos
- 7965 cis-Permethrin
- 729 cis-Permethrin
- 706 Clofentezine
- 7345 Cyfluthrin
- 7346 Cypermethrin
- 707 Daminozide
- 7410 Diazinon
- 8610 Dichlorvos (DDVP, Dichlorvos)
- 7475 Dimethoate
- 7570 Ethoprop
- 708 Etofenprox
- 709 Etoxazole
- 710 Fenoxycarb
- 711 Fenpyroximate
- 712 Fipronil
- 713 Flonicamid
- 714 Fludioxonil
- 715 Hexythiazox
- 716 Imazalil
- 7702 Imidacloprid
- 728 Kresoxim-methyl
- 7770 Malathion
- 7790 Metalaxyl
- 7800 Methiocarb (Mesurol)
- 7805 Methomyl (Lannate)
- 7825 Methyl parathion (Parathion, methyl)
- 7860 MGK-264
- 7893 Myclobutanil
- 7905 Naled
- 7940 Oxamyl
- 7947 Paclobutrazol



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Reference	Method	Parameter	Value	Description
Solids	AOAC 2007.01 & EN 15662: LC-MS/MS	7975		Permethrin (total)
		8000		Phosmet (Imidan)
		9550		Piperonyl butoxide
		203		Prallethrin
		717		Propiconazole
		8080		Propoxur (Baygon)
		8090		Pyrethrin I
		718		Pyrethrins (total)
		719		Pyridaben
		720		Spinosad
		721		Spiromesifen
		722		Spirotetramat
		723		Spiroxamine
		724		Tebuconazole
		725		Thiacloprid
		726		Thiamethoxam
	7970		trans Permethrin	
	727		Trifloxystrobin	
AOAC 934.01			815	Loss on Drying (Moisture) for feed @ 95
AOAC 934.01				-100 C
	3850	Moisture content		
AOAC 978.18			809	Water Activity
	910	Water Activity		
ORELAP-SOP-002 3.2			9000115	Collecting Samples of Cannabis Concentrates, Extracts, and Products
	1441	Sampling		
UNODC 5.4.8			814	HPLC for Analysis of Cannabinoids
	5415	Cannabidiol (CBD)		
	5420	Cannabidiolic acid (CBDA)		
	5435	Cannabigerol (CBG)		
	5430	Cannabinol (CBN)		
	5405	Tetrahydrocannabinol (THC)		
	5410	Tetrahydrocannabinolic acid (THCA)		
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)		
	4938	2-Methylbutane (Isopentane)		
	4941	2-Methylpentane (Isohexane)		
	4942	2-methylpropane (Isobutane)		
	4534	3-Methylpentane		
	4315	Acetone		



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Solids	USP 467 GC-MS V8		
		4320	Acetonitrile
		4375	Benzene
		4555	Cyclohexane
		4725	Diethyl ether
		4755	Ethyl acetate
		4765	Ethylbenzene
		4785	Ethylene glycol
		4795	Ethylene oxide
		4890	Isopropyl acetate
		4895	Isopropyl alcohol (2-Propanol, Isopropanol)
		4900	Isopropylbenzene (Cumene)
		5240	m+p-xylene
		4930	Methanol
		4975	Methylene chloride (Dichloromethane)
		5245	m-Xylene
		5007	n-Butane
		9511	Neopentane
		4825	n-Heptane
		4855	n-Hexane
		5028	n-Pentane
		5029	n-Propane
		5250	o-Xylene
		5255	p-Xylene
		9607	sec-Butyl Alcohol (2-Butanol)
		5120	Tetrahydrofuran (THF)
		5140	Toluene
		5260	Xylene (total)

