

-- CBD

Sample ID: 1902PSI0257.02347
Strain: -- CBD
Matrix: Concentrates & Extracts
Type: Cannabinoid Isolate

Metric ID:
-
Batch ID:
-

Produced:
Collected:
Completed: 02/27/2019
Sample Size: - ; Batch: -

Galactic Meds / Radius CBD
Lic. #
Ann Arbor, MI 48103

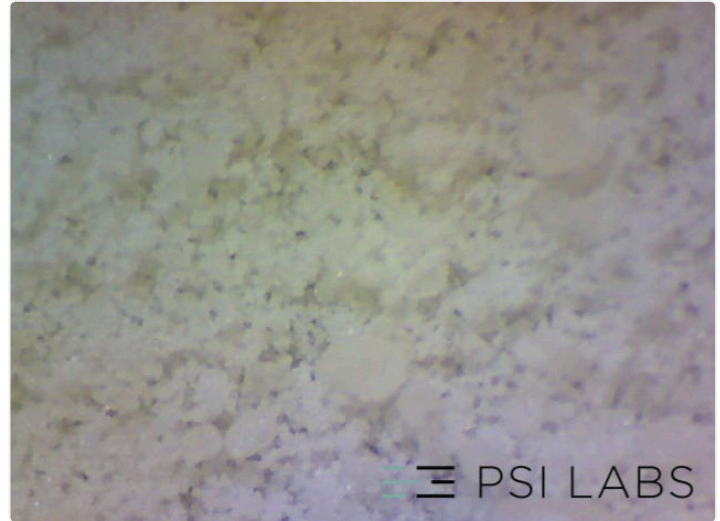
Cannabinoids

<LOQ **94.52%**

Total THC

Total CBD

Testing Method: HPLC-DAD / SOP - PSIMTDA02
Date Tested: 02/27/2019



Analyte	LOQ	Mass	Mass
	%	%	mg/g
THCa	0.40	<LOQ	<LOQ
Δ9-THC	0.40	<LOQ	<LOQ
Δ8-THC	0.40	<LOQ	<LOQ
THCV	0.40	<LOQ	<LOQ
CBDa	0.40	<LOQ	<LOQ
CBD	0.40	94.52	945.2
CBN	0.40	<LOQ	<LOQ
CBGa	0.40	<LOQ	<LOQ
CBG	0.40	<LOQ	<LOQ
CBC	0.40	<LOQ	<LOQ
Total		94.52	945.2

Total THC = THCa * 0.877 + Δ9-THC
Total CBD = CBDa * 0.877 + CBD

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

Safety

Residual Solvents	GC-MS / SOP - PSIMTDC	Pass
Pesticides	HPLC-MS/MS / SOP - PSIMTDP	Pass
Heavy Metals	ICP-MS / SOP - PSIMTDH	Pass
Foreign Matter	Visual Exam / SOP - PSIMTDF	Pass

Notes:

PLEASE NOTE: This sample was not collected by PSI Labs in an on-site sampling event. The chain of custody between the sample and the batch cannot be verified or confirmed by PSI Labs. The data presented in the COA only apply to the specific sample obtained by PSI Labs and may not be representative of other similar products or the entire batch.



L. Spivak

Lev Spivak-Birndorf
CSO



-- CBD

Sample ID: 1902PSI0257.02347
Strain: -- CBD
Matrix: Concentrates & Extracts
Type: Cannabinoid Isolate

Metric ID:
-
Batch ID:
-

Produced:
Collected:
Completed: 02/27/2019
Sample Size: - ; Batch: -

Galactic Meds
Lic. #
Ann Arbor, MI 48103

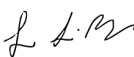
Pesticides

Pass

Analyte	LOQ	Limit	Mass	Status	Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Abamectin	0.50	0.50	ND	Pass	Imazalil	0.20	0.20	ND	Pass
Acephate	0.40	0.40	ND	Pass	Imidacloprid	0.40	0.40	ND	Pass
Acequinocyl	2.00	2.00	ND	Pass	Kresoxim Methyl	0.40	0.40	ND	Pass
Acetamiprid	0.20	0.20	ND	Pass	Malathion	0.20	0.20	ND	Pass
Aldicarb	0.40	0.40	ND	Pass	Metalaxyl	0.20	0.20	ND	Pass
Azoxystrobin	0.20	0.20	ND	Pass	Methiocarb	0.20	0.20	ND	Pass
Bifenazate	0.20	0.20	ND	Pass	Methomyl	0.40	0.40	ND	Pass
Bifenthrin	0.20	0.20	ND	Pass	Methyl Parathion	0.20	0.20	ND	Pass
Boscalid	0.40	0.40	ND	Pass	MGK-264	0.20	0.20	ND	Pass
Carbaryl	0.20	0.20	ND	Pass	Myclobutanil	0.20	0.20	ND	Pass
Carbofuran	0.20	0.20	ND	Pass	Naled	0.50	0.50	ND	Pass
Chlorantraniliprole	0.20	0.20	ND	Pass	Oxamyl	1.00	1.00	ND	Pass
Chlorfenapyr	1.00	1.00	ND	Pass	Paclobutrazol	0.40	0.40	ND	Pass
Chlorpyrifos	0.20	0.20	ND	Pass	Permethrins	0.20	0.20	ND	Pass
Clofentezine	0.20	0.20	ND	Pass	Phosmet	0.20	0.20	ND	Pass
Cyfluthrin	1.00	1.00	ND	Pass	Piperonyl Butoxide	2.00	2.00	ND	Pass
Cypermethrin	1.00	1.00	ND	Pass	Prallethrin	0.20	0.20	ND	Pass
Daminozide	1.00	1.00	ND	Pass	Propiconazole	0.40	0.40	ND	Pass
Diazinon	0.20	0.20	ND	Pass	Propoxur	0.20	0.20	ND	Pass
Dichlorvos	0.10	0.10	ND	Pass	Pyrethrins	1.00	1.00	ND	Pass
Dimethoate	0.20	0.20	ND	Pass	Pyridaben	0.20	0.20	ND	Pass
Ethoprophos	0.20	0.20	ND	Pass	Spinosad	0.20	0.20	ND	Pass
Etofenprox	0.40	0.40	ND	Pass	Spiromesifen	0.20	0.20	ND	Pass
Etoxazole	0.20	0.20	ND	Pass	Spirotetramat	0.20	0.20	ND	Pass
Fenoxycarb	0.20	0.20	ND	Pass	Spiroxamine	0.40	0.40	ND	Pass
Fenpyroximate	0.40	0.40	ND	Pass	Tebuconazole	0.40	0.40	ND	Pass
Fipronil	0.40	0.40	ND	Pass	Thiacloprid	0.20	0.20	ND	Pass
Flonicamid	1.00	1.00	ND	Pass	Thiamethoxam	0.20	0.20	ND	Pass
Fludioxonil	0.40	0.40	ND	Pass	Trifloxystrobin	0.20	0.20	ND	Pass
Hexythiazox	1.00	1.00	ND	Pass					

Testing Method: HPLC-MS/MS / SOP - PSIMTDP
Date Tested:




Lev Spivak-Birndorf
CSO



-- CBD

Sample ID: 1902PSI0257.02347
Strain: -- CBD
Matrix: Concentrates & Extracts
Type: Cannabinoid Isolate

Metric ID:
-
Batch ID:
-

Produced:
Collected:
Completed: 02/27/2019
Sample Size: - ; Batch: -

Galactic Meds / Radius CBD
Lic. #
Ann Arbor, MI 48103

Microbials

Not Tested

Analyte	Limit	Mass	Status
---------	-------	------	--------

Analyte	Limit	Result	Status
---------	-------	--------	--------

Testing Method: 3M Petrifilm / SOP - PSIMTDE

Date Tested:

Dilution: ; CFU/g = Colony Forming Units per gram. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

Mycotoxins

Not Tested

Analyte	LOQ	Limit	Mass	Status
---------	-----	-------	------	--------

Testing Method: Immunoaffinity Colorimetric Test Strip / SOP - PSIMTDJ

Date Tested:

Heavy Metals

Pass

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Arsenic	0.02	0.20	<LOQ	Pass
Cadmium	0.02	0.20	ND	Pass
Chromium	0.02	0.60	0.03	Pass
Lead	0.02	0.50	ND	Pass
Mercury	0.01	0.10	ND	Pass

Testing Method: ICP-MS / SOP - PSIMTDH

Date Tested:



L. Spivak

Lev Spivak-Birndorf
CSO



-- CBD

Sample ID: 1902PSI0257.02347
Strain: -- CBD
Matrix: Concentrates & Extracts
Type: Cannabinoid Isolate

Metric ID:
-
Batch ID:
-

Produced:
Collected:
Completed: 02/27/2019
Sample Size: - ; Batch: -

Galactic Meds / Radius CBD
Lic. #
Ann Arbor, MI 48103

Solvents

Pass

Analyte	LOQ	Limit	Mass	Status	Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
1,2-Dichloro-Ethane	0.80	5.00	ND	Pass	Ethyl-Ether	4.01	5000.00	ND	Pass
1,2-Dimethoxy-Ethane	4.01		ND	Tested	Ethylene Glycol	16.03		ND	Tested
1,4-Dioxane	4.01		ND	Tested	Ethylene Oxide	0.80	50.00	ND	Pass
1-Butanol	4.01		ND	Tested	Heptanes	4.01	5000.00	ND	Pass
1-Pentanol	4.01		ND	Tested	Hexanes		290.00	2.40	Pass
1-Propanol	4.01		ND	Tested	Isobutane	4.01		ND	Tested
2,2-Dimethyl-Butane	4.01		ND	Tested	Isopentane	4.01		ND	Tested
2,3-Dimethyl-Butane	4.01		ND	Tested	Isopropanol	4.01	5000.00	ND	Pass
2-Butanol	4.01		ND	Tested	Methanol	8.01	3000.00	ND	Pass
2-Butanone	4.01		ND	Tested	Methylene-Chloride	4.01	600.00	ND	Pass
2-Ethoxy-Ethanol	4.01		ND	Tested	n-Butane	4.01		ND	Tested
2-Methyl-Pentane	4.01		ND	Tested	n-Hexane	4.01		<LOQ	Tested
3-Methyl-Pentane	4.01		ND	Tested	N,N-Dimethyl-Acetamide	4.01		ND	Tested
Acetone	4.01	5000.00	ND	Pass	N,N-Dimethyl-Formamide	4.01		ND	Tested
Acetonitrile	8.01	410.00	ND	Pass	n-Pentane	35.71		445.71	Tested
Benzene	0.80	2.00	ND	Pass	o-Xylene	4.01		ND	Tested
Butanes		5000.00	ND	Pass	p-Xylene	4.01		ND	Tested
Chloroform	0.80	60.00	ND	Pass	Pentanes		5000.00	445.71	Pass
Cumene	4.01		ND	Tested	Propane	8.01	5000.00	ND	Pass
Cyclohexane	4.01		ND	Tested	Pyridine	4.01		ND	Tested
Dimethyl Sulfoxide	4.01		ND	Tested	Tetrahydrofuran	4.01		ND	Tested
Ethanol	4.01	5000.00	ND	Pass	Toluene	4.01	890.00	ND	Pass
Ethyl-Acetate	4.01	5000.00	ND	Pass	Trichloroethene	4.01	80.00	ND	Pass
Ethyl-Benzene	4.01		ND	Tested	m & p-Xylene		2170.00	ND	Pass

Testing Method: GC-MS / SOP - PSIMTDC

Date Tested:

PPM = Parts Per Million; LOQ = Limit of Quantitation. The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.



L. Spivak

Lev Spivak-Birndorf
CSO

