



NORDIC ANALYTICAL

LABORATORIES
info@nordicanalytic.com
720-403-8179



Company Name: Pachamama CBD
Sample Name: PACHAMAMARAW071219P2M
Sample Batch: 071219P2M
Sample Type: Concentrate
Test Type: Pesticides
Nordic ID: 217740

Date Received: 07/24/2019
Date Tested: 07/25/2019
Date Approved: 07/25/2019
License Number: 403H-73654
METRC Tag: 1A4000712680D96000000382
Seal State: Intact

Pesticide Screening Results

Pesticide	Result (ppb)	Limit (ppb)	Pass/Fail
Imidacloprid	ND	20	PASS
Imazalil	ND	40	PASS
Azoxystrobin	ND	20	PASS
Malathion	ND	50	PASS
Myclobutanil	ND	40	PASS
Bifenazate	ND	20	PASS
Spirotetramat	ND	20	PASS
Tebuconazole	ND	10	PASS
Spinosad A	ND	60	PASS
Spinosad D	ND	60	PASS
Etoxazole	ND	10	PASS
Spiromesifen	ND	30	PASS
Abamectins (B1a & B1b)	ND	70	PASS
Permethrins	ND	40	PASS

Pesticide testing is performed using LC/MS/MS
ppb (parts per billion) = nanogram/gram

ND = Non-Detect
NR = Non-Reportable Value

Laboratory Notes:

Lab Information:

Nordic Analytical Laboratories
3960 Grape Street, Denver, CO 80207
www.nordicanalytic.com

SOP Reference:

Nordic SOP 005-008 (sample prep), Nordic SOP 005-009 (analysis)

Jason D. Kodah, MS, Lab Director



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Company Name: Pachamama CBD
Sample Name: PACHAMAMARAW071219PM
Sample Batch:
Sample Type: Concentrate
Test Type: Microbial: Full
Nordic ID: 216551

Date Received: 07/16/2019
Date Tested: 07/19/2019
Date Approved: 07/19/2019
License Number: 403H-73654
METRC Tag: 1A4000712680D96000000324
Seal State: Intact

Microbial Analysis Results

Test	CFU/gram Count	Limit(CFU/gram)	Pass/Fail
E. Coli*	ND	< 1	PASS
Salmonella*	ND	< 1	PASS
Total Yeast & Mold**	ND	< 10000	PASS

ND = Not Detected

CFU = Colony Forming Unit

***Testing is performed using PCR**

****Testing is performed using plating techniques**

Visual Inspection: PASS

Laboratory Notes:

SOP Reference:

Nordic SOP 004-002, Nordic SOP 004-007, SOP 004-003

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3960 Grape Street, Denver, CO 80207
www.nordicanalytic.com

Jason D. Kodah, MS, Lab Director

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Company Name: Pachamama CBD	Date Received: 07/16/2019
Sample Name: PACHAMAMARAW071219PM	Date Tested: 07/24/2019
Sample Batch:	Date Approved: 07/24/2019
Sample Type: Concentrate	License Number: 403H-73654
Test Type: Mycotoxins	METRC Tag: 1A4000712680D96000000324
Nordic ID: 216553	Seal State: Intact

Mycotoxins Screening Results

Mycotoxin	Result (ppb)	Limit (ppb)	Pass/Fail
Aflatoxin B1	ND	20	PASS
Aflatoxin B2	ND	20	PASS
Aflatoxin G1	ND	20	PASS
Aflatoxin G2	ND	20	PASS
Total Aflatoxins	ND	20	PASS
Ochratoxin A	ND	20	PASS

Mycotoxin testing is performed using LC/MS/MS
ppb (parts per billion) = nanogram/gram
ND = Non-Detect
NR = Non-Reportable Value

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3960 Grape Street, Denver, CO 80207
www.nordicanalytic.com

SOP Reference:
Nordic SOP 005-010 (sample prep), Nordic SOP 005-011
(analysis)

Jason D. Kodah, MS, Lab Director

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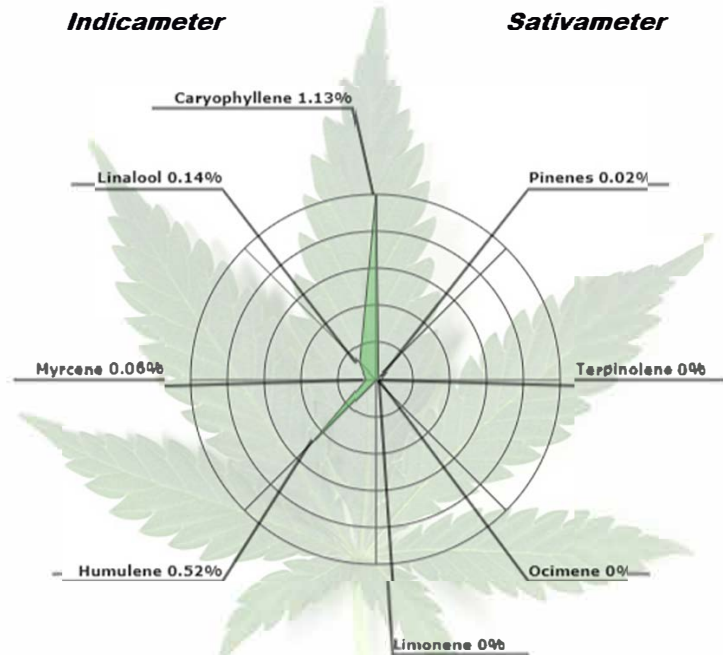
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720-403-8179

Company Name: Pachamama CBD
Sample Name: PACHAMAMARAW071219PM
Sample Batch:
Sample Type: Concentrate
Test Type: Terpenes
Nordic ID: 216549

Date Received: 07/16/2019
Date Tested: 07/17/2019
Date Approved: 07/17/2019
License Number: 403H-73654
METRC Tag: 1A4000712680D96000000324
Seal State: Intact

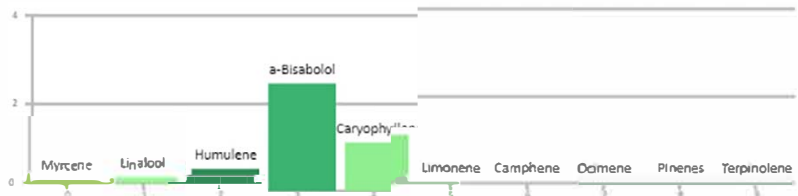
Terpene Content

Terpene	% Weight	mg/g
α-Pinene	ND	ND
Camphene	ND	ND
Myrcene	0.06%	0.60
β-Pinene	0.02%	0.20
3-Carene	ND	ND
α-Terpinene	ND	ND
Limonene	<0.01%	ND
p-Cymene	ND	ND
Ocimene	<0.01%	ND
Eucalyptol	0.02%	0.20
gamma-Terpinene	0.03%	0.30
Terpinolene	<0.01%	ND
Linalool	0.14%	1.40
Isopulegol	0.03%	0.30
Geraniol	ND	ND
Caryophyllene	1.13%	11.30
Humulene	0.52%	5.20
Nerolidol	0.07%	0.70
Guaiol	0.55%	5.50
Caryophyllene-Oxide	0.37%	3.70
α-Bisabolol	2.47%	24.70
Total	5.41%	54.40



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SOP Reference:
Nordic SOP 005-002 (sample prep), Nordic SOP 005-006 (analysis)

Leigh Roope, Interim Lab Director

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