



NORDIC ANALYTICAL

LABORATORIES
info@nordicanalytic.com
720-403-8179



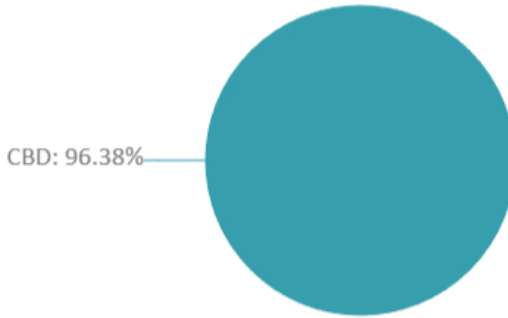
Materia
610 S Lipan St
Denver, CO 80223

Company Name: Materia
Sample Name: CBD Isolate
Sample Batch: 2142-CB-CBD1
Sample Type: Concentrate
Test Type: Homogeneity
Nordic ID: 497754

Date Received: 11/16/2022
Date Tested: 12/12/2022
Date Approved:
License Number: CBD
METRC Tag: 1A4000B0001A6AA000001084
Seal State: Intact

Concentrate Homogeneity Report

Cannabinoid	% Weight	mg/g
D-9 THC	ND	ND
D-9 THCA	ND	ND
EXO-THC	ND	ND
CBD	96.38%	963.80
CBDA	ND	ND
CBN	ND	ND
CBNA	ND	ND
D-8 THC	ND	ND
D-10 THC	ND	ND
CBG	ND	ND
CBGA	ND	ND
CBC	ND	ND
CBCA	ND	ND
THCV	ND	ND
THCVA	ND	ND
CBDV	ND	ND
CBDVA	ND	ND
Total THC	0%	0.00
Total	96.38%	963.80
Max THC	0.00%	0.00
Max CBD	96.38%	963.80




Homogeneity Report: 0% RSD

NR = Non-Reportable Value | **ND = Non-Reportable Value** | Potency testing is performed by Liquid Chromatography.
 Max THC and CBD values are calculated using the following equations: **Max THC** = [D-8 THC]+[D-9 THC]+[D-10 THC]+[EXO-THC]+([D-9 THCA] x 0.8777) |
Max CBD = [CBD]+([CBD-A] x 0.8777)
Laboratory Notes:

SOP Reference:
 Nordic SOP 005-001 (sample prep), Nordic SOP 005-002 (analysis)

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


 Aleksey Nikolayev, PhD, Lab Director

Disclaimer of Liability: Nordic Analytical Laboratories, LLC specifically disclaims liability for incidental or consequential damages and assumes no responsibility or liability for any loss or damage suffered by any person as a result of receiving marijuana testing services or results. To the fullest extent permitted by law, in no circumstances shall Nordic Analytical Laboratories, LLC be liable to any person or company for any loss or damage (including licensing investigations, product recalls, criminal charges, or other lost profits) arising directly or indirectly from receiving marijuana testing service or results. This report and all information herein shall not be reproduced, except in its entirety, without the expressed consent of Nordic Analytical Laboratories. This report is for informational purposes only and should not be used to diagnose, treat or prevent any medical related symptoms. Due to many factors outside of Nordic Analytical Laboratories' control, results may vary. Results are only for the samples supplied to Nordic Analytical Laboratories. The statements and results herein have not been approved or endorsed by the FDA.



NORDIC ANALYTICAL

LABORATORIES
info@nordicanalytic.com
720-403-8179



Materia
1800 Glenarm Place Suite 701
Denver, CO 80202

Company Name: Materia
Sample Name: CBD Isolate
Sample Batch: 2142-CB-CBD1
Sample Type: Concentrate
Test Type: Mycotoxins
Nordic ID: 493568

Date Received: 11/16/2022
Date Tested: 11/30/2022
Date Approved: 11/30/2022
License Number: CBD
METRC Tag: 1A4000B0001A6AA000001084
Seal State: Intact

Mycotoxins Screening Results

Mycotoxon	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

Laboratory Notes:

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

Lab Information:

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

Aleksey Nikolayev, PhD, Lab Director

Disclaimer of Liability: Nordic Analytical Laboratories, LLC specifically disclaims liability for incidental or consequential damages and assumes no responsibility or liability for any loss or damage suffered by any person as a result of receiving marijuana testing services or results. To the fullest extent permitted by law, in no circumstances shall Nordic Analytical Laboratories, LLC be liable to any person or company for any loss or damage (including licensing investigations, product recalls, criminal charges, or other lost profits) arising directly or indirectly from receiving marijuana testing service or results. This report and all information herein shall not be reproduced, except in its entirety, without the expressed consent of Nordic Analytical Laboratories. This report is for informational purposes only and should not be used to diagnose, treat or prevent any medical related symptoms. Due to many factors outside of Nordic Analytical Laboratories' control, results may vary. Results are only for the samples supplied to Nordic Analytical Laboratories. The statements and results herein have not been approved or endorsed by the FDA.



NORDIC ANALYTICAL

LABORATORIES
info@nordicanalytic.com
720-403-8179



Materia
1800 Glenarm Place Suite 701
Denver, CO 80202

Company Name: Materia
Sample Name: CBD Isolate
Sample Batch: 2142-CB-CBD1
Sample Type: Concentrate
Test Type: Heavy Metals
Nordic ID: 493567

Date Received: 11/16/2022
Date Tested: 12/02/2022
Date Approved: 12/02/2022
License Number: CBD
METRC Tag: 1A4000B0001A6AA000001084
Seal State: Intact

Heavy Metals Report

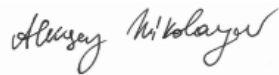
Metal	Result (ppm)	Limit (ppm)	Pass/Fail
Arsenic (As)	ND	0.2	PASS
Cadmium (Cd)	ND	0.2	PASS
Mercury (Hg)	ND	0.1	PASS
Lead (Pb)	NR	0.5	PASS

ND = Non-Detect
NR = Non-Reportable Value

Laboratory Notes:

SOP Reference:
Nordic Analytical SOP: 005-012

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


Aleksey Nikolayev, PhD, Lab Director

Disclaimer of Liability: Nordic Analytical Laboratories, LLC specifically disclaims liability for incidental or consequential damages and assumes no responsibility or liability for any loss or damage suffered by any person as a result of receiving marijuana testing services or results. To the fullest extent permitted by law, in no circumstances shall Nordic Analytical Laboratories, LLC be liable to any person or company for any loss or damage (including licensing investigations, product recalls, criminal charges, or other lost profits) arising directly or indirectly from receiving marijuana testing service or results. This report and all information herein shall not be reproduced, except in its entirety, without the expressed consent of Nordic Analytical Laboratories. This report is for informational purposes only and should not be used to diagnose, treat or prevent any medical related symptoms. Due to many factors outside of Nordic Analytical Laboratories' control, results may vary. Results are only for the samples supplied to Nordic Analytical Laboratories. The statements and results herein have not been approved or endorsed by the FDA.



NORDIC ANALYTICAL

LABORATORIES
info@nordicanalytic.com
720-403-8179



Materia
1800 Glenarm Place Suite 701
Denver, CO 80202

Company Name: Materia
Sample Name: CBD Isolate
Sample Batch: 2142-CB-CBD1
Sample Type: Concentrate
Test Type: Microbial: Full 2022
Nordic ID: 491030

Date Received: 11/16/2022
Date Tested: 11/19/2022
Date Approved: 11/21/2022
License Number: CBD
METRC Tag: 1A4000B0001A6AA000001084
Seal State: Intact

Microbial Analysis Results


Test	CFU/gram Count	Limit(CFU/gram)	Pass/Fail
STEC*	Absent	< 1	PASS
Salmonella*	Absent	< 1	PASS
Total Yeast & Mold**	ND	< 10000	PASS
A. Niger*	Absent	< 1	PASS
A. Fumigatus*	Absent	< 1	PASS
A. Flavus*	Absent	< 1	PASS
A. Terreus*	Absent	< 1	PASS

ND = Not Detected
CFU = Colony Forming Unit
STEC = Shiga Toxin-producing E. Coli
***Testing is performed using PCR**
****Testing is performed using plating techniques**

Laboratory Notes:

SOP Reference:
Nordic SOP 004-002, 004-003, 004-015

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


Aleksey Nikolayev, PhD, Lab Director

Disclaimer of Liability: Nordic Analytical Laboratories, LLC specifically disclaims liability for incidental or consequential damages and assumes no responsibility or liability for any loss or damage suffered by any person as a result of receiving marijuana testing services or results. To the fullest extent permitted by law, in no circumstances shall Nordic Analytical Laboratories, LLC be liable to any person or company for any loss or damage (including licensing investigations, product recalls, criminal charges, or other lost profits) arising directly or indirectly from receiving marijuana testing service or results. This report and all information herein shall not be reproduced, except in its entirety, without the expressed consent of Nordic Analytical Laboratories. This report is for informational purposes only and should not be used to diagnose, treat or prevent any medical related symptoms. Due to many factors outside of Nordic Analytical Laboratories' control, results may vary. Results are only for the samples supplied to Nordic Analytical Laboratories. The statements and results herein have not been approved or endorsed by the FDA.



NORDIC ANALYTICAL

LABORATORIES

info@nordicanalytic.com

720-403-8179



Materia
1800 Glenarm Place Suite 701
Denver, CO 80202

Company Name: Materia
Sample Name: CBD Isolate
Sample Batch: 2142-CB-CBDI
Sample Type: Concentrate
Test Type: Residual Solvents (RSA)
Nordic ID: 491029

Date Received: 11/16/2022
Date Tested: 11/20/2022
Date Approved: 11/21/2022
License Number: CBD
METRC Tag: 1A4000B0001A6AA000001084
Seal State: Intact

Residual Solvent Analysis Results

Solvent	Result(ppm)	Limit(ppm)	Pass/Fail
Butanes	ND	< 1000	PASS
Propane	ND	< 1000	PASS
Methanol	ND	< 600	PASS
Pentane	NR	< 1000	PASS
Ethanol	ND	< 1000	PASS
Acetone	ND	< 1000	PASS
Isopropyl Alcohol	ND	< 1000	PASS
Hexane	ND	< 60	PASS
Ethyl Acetate	ND	< 1000	PASS
Benzene	ND	< 2	PASS
Heptane	ND	< 1000	PASS
Toluene	ND	< 180	PASS
Xylenes	ND	< 430	PASS

ND = Non-Detect
NR = Non-Reportable Value

Residual Solvent Analysis is performed by Headspace Gas Chromatography with a Flame Ionization Detector.

Laboratory Notes:

SOP Reference:

Nordic SOP 005-003

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

Aleksey Nikolayev, PhD, Lab Director

Disclaimer of Liability: Nordic Analytical Laboratories, LLC specifically disclaims liability for incidental or consequential damages and assumes no responsibility or liability for any loss or damage suffered by any person as a result of receiving marijuana testing services or results. To the fullest extent permitted by law, in no circumstances shall Nordic Analytical Laboratories, LLC be liable to any person or company for any loss or damage (including licensing investigations, product recalls, criminal charges, or other lost profits) arising directly or indirectly from receiving marijuana testing service or results. This report and all information herein shall not be reproduced, except in its entirety, without the expressed consent of Nordic Analytical Laboratories. This report is for informational purposes only and should not be used to diagnose, treat or prevent any medical related symptoms. Due to many factors outside of Nordic Analytical Laboratories' control, results may vary. Results are only for the samples supplied to Nordic Analytical Laboratories. The statements and results herein have not been approved or endorsed by the FDA.



NORDIC ANALYTICAL

LABORATORIES
info@nordicanalytic.com
720-403-8179



Materia
1800 Glenarm Place Suite 701
Denver, CO 80202

Company Name: Materia
Sample Name: CBD Isolate
Sample Batch: 2142-CB-CBDI
Sample Type: Concentrate
Test Type: Pesticides
Nordic ID: 493566

Date Received: 11/16/2022
Date Tested: 11/30/2022
Date Approved: 11/30/2022
License Number: CBD
METRC Tag: 1A4000B0001A6AA000001084
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

ND = Non-Detect
NR = Non-Reportable Value

Pesticide testing is performed using LC/MS/MS

ppb (parts per billion) = nanogram/gram

Laboratory Notes:

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

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

Aleksey Nikolayev, PhD, Lab Director

Disclaimer of Liability: Nordic Analytical Laboratories, LLC specifically disclaims liability for incidental or consequential damages and assumes no responsibility or liability for any loss or damage suffered by any person as a result of receiving marijuana testing services or results. To the fullest extent permitted by law, in no circumstances shall Nordic Analytical Laboratories, LLC be liable to any person or company for any loss or damage (including licensing investigations, product recalls, criminal charges, or other lost profits) arising directly or indirectly from receiving marijuana testing service or results. This report and all information herein shall not be reproduced, except in its entirety, without the expressed consent of Nordic Analytical Laboratories. This report is for informational purposes only and should not be used to diagnose, treat or prevent any medical related symptoms. Due to many factors outside of Nordic Analytical Laboratories' control, results may vary. Results are only for the samples supplied to Nordic Analytical Laboratories. The statements and results herein have not been approved or endorsed by the FDA.