



Certificate of Analysis

Sample: DE30417003-001

Batch#: CO HEMP/66 PES

Seed to Sale# 1A4000D000425B9000000597

Batch Date: 04/14/23

Sample Size Received: 7 gram

Ordered : 04/14/23

Sampled : 04/14/23

Completed: 04/27/23

TESTED

Apr 27, 2023 | Result Group

License # 403H-104234

PO Box 19445
Denver, CO, 80219, US



Pages 1 of 3

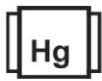
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
NOT TESTED



Heavy Metals
PASSED



Microbials
TESTED



Mycotoxins
PASSED



Residuals Solvents
NOT TESTED



Filth
NOT TESTED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Homogeneity
Testing
NOT TESTED



Terpenes
NOT TESTED

MISC.

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Dane Oberhill

Lab Director

State License # 405R-00011
405-00008

ISO 17025 Accreditation # 4331.01



Signature
04/27/23



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Result Group


PO Box 19445
Denver, CO, 80219, US
Telephone: (303) 718-2742
Email: info@resultgroupcolorado.com
License # : 403H-104234

Sample : DE30417003-001

Batch# : CO HEMP/66 PES
Sampled : 04/14/23
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Sample Size Received : 7 gram
Completed : 04/27/23 Expires: 04/27/24
Sample Method : SOP Client Method

Page 2 of 3

 Microbial TESTED						 Mycotoxins PASSED					
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level
TOTAL YEAST AND MOLD	100	cfu/g	3500	TESTED	10000	AFLATOXINS	0.0539	ppb	ND	PASS	20
SHIGA TOXIN PRODUCING ESCHERICHIA COLI STEC			Not Present	TESTED		AFLATOXIN B1	0.153	ppb	ND	PASS	20
SALMONELLA SPECIES			Not Present	TESTED		AFLATOXIN B2	0.0823	ppb	ND	PASS	20
TOTAL AEROBIC	10	cfu/g	590000	TESTED	10000	AFLATOXIN G1	0.0539	ppb	ND	PASS	20
TOTAL COLIFORM	10	cfu/g	1250	TESTED	100	AFLATOXIN G2	0.227	ppb	ND	PASS	20
OCHRATOXIN A+							0.0117	ppb	ND	PASS	20
Analyzed by: 2792, 1473, 5, 2080	Weight: 16.25g	Extraction date: 04/17/23 15:57:03	Extracted by: 2951,2792			Analyzed by: 2318, 1253, 7, 2080	Weight: 0.2466g	Extraction date: 04/17/23 17:24:24	Extracted by: 2318		
Analysis Method : SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)						Analysis Method : SOP-060 (R5)					
Analytical Batch : DE005393MIC						Analytical Batch : DE005395MYC					
Instrument Used : Microbial - Full Panel						Instrument Used : Sciex 6500 Qtrap "Felicia" - Mycotoxins					
Analyzed Date : 04/17/23 15:04:22						Analyzed Date : 04/17/23 17:25:18					
Reviewed On : 04/25/23 12:38:45						Reviewed On : 04/19/23 09:39:09					
Batch Date : 04/17/23 09:30:50						Batch Date : 04/17/23 12:27:23					
Dilution : N/A						Dilution : 25					
Reagent : 032723.R20; 041423.R06; 040523.R03; 041023.R01; 041323.R03; 032023.R15; 041123.R19; 041423.R01; 041323.R11; 032123.R06; 041123.R05; 031523.01; 102022.03; 101122.02; 031923.01; 011123.09; 041123.01; 061622.50; 041223.R01; 041823.R14; 041723.R06; 032823.09; 041723.R03						Reagent : 040923.R09; 041623.R01; 031223.R13; 041323.R02; 041623.R06; 032923.R04; 032523.R05					
Consumables : 61842-214C6-214H; 411171-135C4-135AI; 211113059-D; 1; 211016-687-A; 2; 22148-CP69-22151; 3; 00110; 01859; CH 2242085; 000006683; 4; 5; 41141-130C4-130D; 6; 40960-040C4-040AL; 7; 8; 9; 10; MSB1001; RB-1050; 11; 12						Consumables : 080622-A; 2024133; 00336569-4; 243CE-243C; 304104086; 118C6-118H					
Pipette : N/A						Pipette : N/A					
Aflatoxins B1, B2, G1, G2, and Ochratoxin A testing using LC-MS via SOP-060 (R5). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be < 20µg/Kg. Ochratoxins must be < 5µg/Kg.											

 Heavy Metals PASSED					
Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC	0.0048	ppm	0.123	PASS	0.2
CADMIUM	0.0016	ppm	0.0308	PASS	0.2
MERCURY	0.0008	ppm	ND	PASS	0.1
LEAD	0.0039	ppm	0.4584	PASS	0.5
Analyzed by: 2992, 666, 7, 2, 2080	Weight: 0.2117g	Extraction date: 04/17/23 12:33:30	Extracted by: 666		
Analysis Method : SOP-050 (R5)					
Analytical Batch : DE005385HEA					
Instrument Used : Shimadzu 2030 ICP-MS "Alice"					
Analyzed Date : 04/17/23 11:32:33					
Reviewed On : 04/26/23 14:21:58					
Batch Date : 04/16/23 08:22:40					
Dilution : 50					
Reagent : 082721.13; 040923.R03; 040923.R02; 100422.02; 020222.01; 041323.R05; 041123.R17					
Consumables : 22382; 11922032; 220607059D; 234422					
Pipette : N/A					

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen to below single digit ppb concentrations for regulated heavy metals using method SOP-050 (R5). Sample preparation for Heavy Metals Analysis via SOP-050 (R5).

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Dane Oberhill

Lab Director

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405-00008

ISO 17025 Accreditation # 4331.01



Signature
04/27/23



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COMMENTS

* Microbial DE30417003-001MIC

1 - Not for human consumption

Dane Oberhill

Lab Director

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405-00008

ISO 17025 Accreditation # 4331.01



Signature
04/27/23

Oley hemp hf

Sample ID: SA-230426-20902
 Batch: 4/26
 Type: Plant / Raw Material
 Matrix: Plant - Fiber
 Unit Mass (g):

Received: 05/01/2023
 Completed: 05/03/2023

Client
 Result Group
 PO Box 19445
 Denver, CO 80219
 USA
 Lic. #: 403H-103992



Summary

Test
 Pesticides

Date Tested
 05/03/2023

Status
 Tested

Not Tested Total Δ9-THC	Not Tested Total CBD	Not Tested Total Cannabinoids	Not Tested Moisture Content	Not Tested Foreign Matter	Yes Internal Standard Normalization
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Generated By: Ryan Bellone
 CCO
 Date: 05/03/2023



Oley hemp hf

 Sample ID: SA-230426-20902
 Batch: 4/26
 Type: Plant / Raw Material
 Matrix: Plant - Fiber
 Unit Mass (g):

 Received: 05/01/2023
 Completed: 05/03/2023

Client
 Result Group
 PO Box 19445
 Denver, CO 80219
 USA
 Lic. #: 403H-103992

Pesticides by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Acephate	30	100	ND	Hexythiazox	30	100	ND
Acetamiprid	30	100	ND	Imazalil	30	100	ND
Aldicarb	30	100	ND	Imidacloprid	30	100	ND
Azoxystrobin	30	100	ND	Kresoxim methyl	30	100	ND
Bifenazate	30	100	ND	Malathion	30	100	ND
Bifenthrin	30	100	ND	Metalaxyl	30	100	ND
Boscalid	30	100	ND	Methiocarb	30	100	ND
Carbaryl	30	100	ND	Methomyl	30	100	ND
Carbofuran	30	100	ND	Mevinphos	30	100	ND
Chloranthraniliprole	30	100	ND	Myclobutanil	30	100	ND
Chlorfenapyr	30	100	ND	Naled	30	100	ND
Chlorpyrifos	30	100	ND	Oxamyl	30	100	ND
Clofentezine	30	100	ND	Paclobutrazol	30	100	ND
Coumaphos	30	100	ND	Permethrin	30	100	ND
Daminozide	30	100	ND	Phosmet	30	100	ND
Diazinon	30	100	ND	Piperonyl Butoxide	30	100	ND
Dichlorvos	30	100	ND	Prallethrin	30	100	ND
Dimethoate	30	100	ND	Propiconazole	30	100	ND
Dimethomorph	30	100	ND	Propoxur	30	100	ND
Ethoprophos	30	100	ND	Pyrethrins	30	100	ND
Etofenprox	30	100	ND	Pyridaben	30	100	ND
Etoxazole	30	100	ND	Spinetoram	30	100	ND
Fenhexamid	30	100	ND	Spinosad	30	100	ND
Fenoxycarb	30	100	ND	Spiromesifen	30	100	ND
Fenpyroximate	30	100	ND	Spirotetramat	30	100	ND
Fipronil	30	100	ND	Spiroxamine	30	100	ND
Fonicamid	30	100	ND	Tebuconazole	30	100	ND
Fludioxonil	30	100	ND	Thiacloprid	30	100	ND
				Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



 Generated By: Ryan Bellone
 CCO
 Date: 05/03/2023



 Tested By: Jasper van Heemst
 Principal Scientist
 Date: 05/03/2023
