



Certificate of Analysis

Sample: DE30822005-004

Batch#: NO ASP - 1A4000D000425B9000000023

Seed to Sale# 1A4000D000425B90000001022

Batch Date: 08/21/23

Sample Size Received: 30 gram

Ordered: 08/21/23

Sampled: 08/21/23

Completed: 08/25/23

Aug 25, 2023 | North Star Hemp

License # 403H-104234

2400 N 2nd Street, Suite 305

MPLS, MN, 55411

Carpe Diem

PASSED

Pages 1 of 3

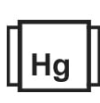
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
NOT TESTED



Heavy Metals
NOT TESTED



Microbials
PASSED



Mycotoxins
NOT TESTED



Residuals Solvents
NOT TESTED



Filtration
NOT TESTED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Homogeneity
Testing
NOT TESTED



Terpenes
NOT TESTED

MISC.



Cannabinoid

PASSED



Total THC

ND



Total CBD

13.3988%



Total Cannabinoids

13.6087%

	TOTAL 9(R /S)-HHC	CBDV	CBDVA	CBG	CBD	CBDa	THCV	CBGA	CBN	EXO-THC	CBDQ	D9-THC	D8-THC	CBL	THCVA	CBC	D10-THC	CBNA	THCA	CBGA	CBLA	THC-O-ACE TATE
%	ND	ND	ND	ND	13.3988	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2099	ND	ND	ND	ND	ND	ND
mg/g	ND	ND	ND	ND	133.988	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.099	ND	ND	ND	ND	ND	ND
LOD	0.0100	0.0015	0.0010	0.0021	0.0014	0.0014	0.0012	0.0003	0.0013	0.0025	0.0148	0.0012	0.0023	0.0052	0.0014	0.0010	0.0021	0.0018	0.0019	0.0001	0.0010	0.0004
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:
2721, 2950, 1642, 2080

Weight:
1.0221g

Extraction date:
08/23/23 11:02:44

Extracted by:
2721,1642

Analysis Method : SOP.T.40.039.CO
Analytical Batch : DE006213POT
Instrument Used : Agilent 1100 "Falcon"
Analyzed Date : 08/23/23 13:51:58

Reviewed On : 08/24/23 20:01:23
Batch Date : 08/23/23 06:56:33

Dilution : 400
Reagent : 071023.R25; 080723.R17; 082223.R11; 082123.R09
Consumables : 2225821657; 2014919; 00336569; 234422; 61572-107C6-107H; 00339105-4; 0000185478; 303122060
Pipette : POT- 20E73244; POT- 20E74976; POT- 20K63477; P1000 - 20B29164-A; P200- 6507768

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with DAD detection (HPLC-UV). Method SOP.T.90.010.CO for reporting. Lower limit of linearity for all cannabinoids is 1 mg/L.

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is a Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. ND=Not Detected, NT=Not Tested, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds. The Measurement Uncertainty (UM) error is available from the lab upon request.

Dane Oberhill

Lab Director

State License # 405R-00011

405-00008

ISO 17025 Accreditation # 4331.01



Signature
08/25/23



879 Federal Blvd
Denver, CO, 80204, US
(303) 427-2379

Kaycha Labs

(WHITE LABEL) RECOVER -5000

N/A

Matrix : Infused

Type: Other



Certificate of Analysis

PASSED

North Star Hemp

2400 N 2nd Street, Suite 305
MPLS, MN, 55411
Telephone: 612-599-6906
Email: info@NorthStarHemp.com
License #: 403H-104234

Sample : DE30822005-004

Batch# : NO ASP -
1A4000D000425B9000000023
Sampled : 08/21/23
Ordered : 08/21/23

Sample Size Received : 30 gram
Completed : 08/25/23 Expires: 08/25/24
Sample Method : SOP Client Method

Page 2 of 3

	Microbial	PASSED			
Analyte	LOD	Units	Result	Pass / Fail	Action Level
TOTAL YEAST AND MOLD	100	cfu/g	ND	PASS	10000
SHIGA TOXIN PRODUCING			Not Present	PASS	
ESCHERICHIA COLI STEC					
SALMONELLA SPECIES			Not Present	PASS	
Analyzed by: 2792, 5, 1473, 2080	Weight: 2.54g	Extraction date: 08/22/23 15:05:42	Extracted by: 2792		
Analysis Method : SOP.T.40.057.CO; SOP.T.40.209.CO					
Analytical Batch : DE006203MIC			Reviewed On : 08/25/23 10:38:36		
Instrument Used : Microbial - Full Panel			Batch Date : 08/21/23 15:06:34		
Analyzed Date : 08/22/23 15:04:12					
Dilution : N/A					
Reagent : 041323.26; 073023.R08; 070623.R08; 080723.R04; 082223.R09; 080623.R11; 070623.R05; 082123.R12; 080623.R12; 082223.R10; 081823.R04; 081623.R04; 061323.R06; 081823.R05; 081523.R09; 062023.04; 062923.03; 101122.02; 071823.01; 082123.R14; 081923.R01; 061423.16					
Consumables : 61899-311C6-311E; 411171-135C4-135AI; 010222CH03; 1; 211016-687-A; 2; DR 20230612_CatNo.1193A96; 3; 00111; 4; CH_2242419; 5; 41141-130C4-130D; 6; 40960-040C4-040AL; CJ209G2; 7; 8; P1000160; 9; MSB1001; RB-1050; 10; 11					
Pipette : M - O48453J; M - L47149J; M - 20F92851; M - MV21601; M - MU03680; M - M32141C; M - 20C40454; M - 22G22702; M - 6537603; M - MU06201; M - N65633K; M - K94440L; M - 20E73249; M - G19154L; M - P67199J; M - Q29305K; M - Q36416J; M - J46789J; M - J55715J; M - O52710K; M - N1563K; M - O34081K					

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is a Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. ND=Not Detected, NT=Not Tested, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds. The Measurement Uncertainty (UM) error is available from the lab upon request.

Dane Oberhill

Lab Director

State License # 405R-00011

405-00008

ISO 17025 Accreditation # 4331.01

Signature

08/25/23



879 Federal Blvd
Denver, CO, 80204, US
(303) 427-2379

Kaycha Labs

(WHITE LABEL) RECOVER -5000

N/A

Matrix : Infused

Type: Other



Certificate of Analysis

PASSED

North Star Hemp

2400 N 2nd Street, Suite 305
MPLS, MN, 55411
Telephone: 612-599-6906
Email: info@NorthStarHemp.com
License #: 403H-104234

Sample : DE30822005-004

Batch# : NO ASP -
1A4000D000425B90000000023
Sampled : 08/21/23
Ordered : 08/21/23

Sample Size Received : 30 gram
Completed : 08/25/23 Expires: 08/25/24
Sample Method : SOP Client Method

Page 3 of 3

COMMENTS

* Cannabinoid DE30822005-004POT

1 - Measurement Uncertainty for delta-9 THC (wt%, Infused) 95% interval : 0.07, Measurement Uncertainty for THCA (wt%, Infused) 95% interval : 0.05

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is a Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. ND=Not Detected, NT=Not Tested, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds. The Measurement Uncertainty (UM) error is available from the lab upon request.

Dane Oberhill

Lab Director

State License # 405R-00011
405-00008

ISO 17025 Accreditation # 4331.01

Signature
08/25/23