



Certificate of Analysis

Sample: DE30822005-014

Batch#: NO ASP - 1A4000D000425B9000000023

Seed to Sale# 1A4000D000425B9000001032

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

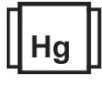
PRODUCT IMAGE



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

MISC.



Terpenes
NOT TESTED



Cannabinoid

PASSED



Total THC
0.0564%



Total CBD
2.4474%



Total Cannabinoids
2.9330%

	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	CBCA	CBLA	THC-O-ACE TATE
%	ND	ND	ND	ND	2.4474	ND	ND	ND	0.0165	0.3305	ND	0.0564	ND	ND	ND	0.0822	ND	ND	ND	ND	ND	ND
mg/g	ND	ND	ND	ND	24.474	ND	ND	ND	0.165	3.305	ND	0.564	ND	ND	ND	0.822	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, 7, 2080

Weight:
1.0948g

Extraction date:
08/23/23 11:06:27

Extracted by:
2721,1642

Analysis Method : SOP.T.40.039.CO

Analytical Batch : DE006213POT

Instrument Used : Agilent 1100 "Falcor"

Analyzed Date : 08/23/23 13:51:58

Reviewed On : 08/25/23 11:27:21

Batch Date : 08/23/23 06:56:33

Dilution : 80

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.

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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

RELIFE - MUSCLE GEL (RED LABEL)

N/A

Matrix : Infused

Type: Topical



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 : DE30822005-014

Batch# : NO ASP - 1A4000D000425B9000000023
Sample Size Received : 30 gram
Completed : 08/25/23 Expires: 08/25/24
Sampled : 08/21/23 Sample Method : SOP Client Method
Ordered : 08/21/23

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	Microbial	PASSED
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Analyte	LOD	Units	Result	Pass / Fail	Action Level
TOTAL YEAST AND MOLD	100	cfu/g	ND	PASS	10000
SHIGA TOXIN PRODUCING ESCHERICHIA COLI STEC			Not Present	PASS	
SALMONELLA SPECIES			Not Present	PASS	

Analyzed by: 2792, 5, 1473, 2080	Weight: 1.4g	Extraction date: 08/22/23 15:05:44	Extracted by: 2792
--------------------------------------------	------------------------	----------------------------------------------	------------------------------

Analysis Method : SOP.T.40.057.CO; SOP.T.40.209.CO
Analytical Batch : DE006203MIC **Reviewed On :** 08/25/23 10:39:42
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

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RELIFE - MUSCLE GEL (RED LABEL)

N/A

Matrix : Infused

Type: Topical



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COMMENTS

* Cannabinoid DE30822005-014POT

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

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