



Certificate of Analysis

Sample: DE30829015-003
Harvest/Lot ID: T2HCO00021001-SB01-3 / 210915P036
Batch#: R2CO121521002SA-PO
Seed to Sale#: 1A4000B00010D25000003298
Batch Date: 08/01/23
Sample Size Received: 6.5 gram
Total Amount: 6.5 gram
Retail Product Size: 20 ml
Sample Density: 0.92 g/mL
Ordered: 08/29/23
Sampled: 08/29/23
Completed: 09/01/23

PASSED

Sep 01, 2023 | Monarch Life Sciences, LLC

License # SUBLINGUAL TINCTURE

8100 S. Akron Street, Suite 316, Suite 316
Centennial, Colorado, 80112

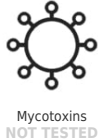


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PRODUCT IMAGE



SAFETY RESULTS



MISC.



Cannabinoid

PASSED



Total THC

ND



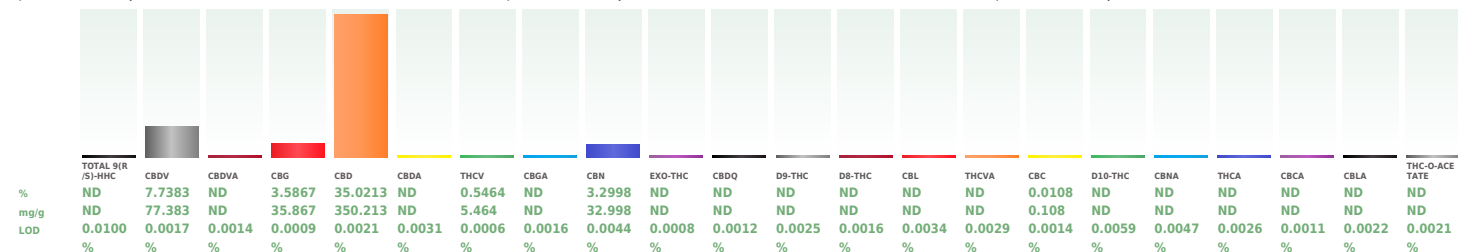
Total CBD

35.0213%



Total Cannabinoids

50.1925%



Analyzed by:
2721, 1642, 2791, 2, 2080

Weight:
0.5138g

Extraction date:
08/30/23 12:46:01

Extracted by:
2813

Analysis Method : SOP.T.40.039.CO
Analytical Batch : DE006255POT
Instrument Used : Agilent 1100 "Liger"
Analyzed Date : 08/30/23 19:30:58

Reviewed On : 09/01/23 14:05:51
Batch Date : 08/30/23 09:06:08

Dilution : 80
Reagent : 080223.R12; 082923.R09; 043023.R08; 083023.R01
Consumables : 947.100; 2014919; 00336569; 0000179471; 303122060; 010222CH03; 234422; 61572-107C6-107H
Pipette : P200- I1404270G; POT- 20E73244; POT- 20E74976; POT- 20K63477; P1000- 22C53342

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
09/01/23



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

Kaycha Labs

PEACE OUT

N/A

Matrix : Infused

Type: Tincture



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Email: Info@R2Innovations.com

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Sample Method : SOP Client Method

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
ALPHA-PINENE	0.0020	ND	ND		Analyzed by: 2813, 2319, 2080	Weight: 0.5138g	Extraction date: 08/30/23 14:35:41		Extracted by: 2813
CAMPHENE	0.0020	ND	ND						
BETA-PINENE	0.0020	ND	ND		Analysis Method : SOP-067 (R0) Analytical Batch : DE006259TER Instrument Used : GC 6890 Analyzed Date : N/A				
MYRCENE	0.0020	ND	ND						
DELTA-3-CARENE	0.0020	ND	ND		Reviewed On : 08/31/23 09:46:07 Batch Date : 08/30/23 14:33:38				
ALPHA-TERPINENE	0.0020	ND	ND						
P-CYMENTHENE	0.0020	ND	ND		Dilution : 40 Reagent : 083023.R01 Consumables : 947.100; 2014919; 00336569; 303122060; 010222CH03 Pipette : POT- 20E73244				
LIMONENE	0.0020	ND	ND						
EUCALYPTOL	0.0020	ND	ND		Terpenoid profile screening is performed by GC-FID with liquid injection via SOP-067 (R0) which can screen for 28 terpenes.				
CIS-OCIMENE	0.0020	ND	ND						
GAMMA-TERPINENE	0.0020	ND	ND						
TERPINOLENE	0.0020	ND	ND						
LINALOOL	0.0020	ND	ND						
(-)-ISOPULEGOL	0.0020	ND	ND						
BORNEOL	0.0020	ND	ND						
MENTHOL	0.0020	ND	ND						
ALPHA-TERPINEOL	0.0020	ND	ND						
PULEGONE	0.0020	ND	ND						
GERANIOL	0.0020	ND	ND						
2-ETHYL-FENCHOL	0.0020	ND	ND						
BETA-CARYOPHYLLENE	0.0020	1.421	0.1421						
HUMULENE	0.0020	0.370	0.0370						
BISABOLENE	0.0020	ND	ND						
NEROLIDOL	0.0020	ND	ND						
(-)-CARYOPHYLLENE OXIDE	0.0020	ND	ND						
(-)-GUAIAOL	0.0020	ND	ND						
(-)-ALPHA-BISABOLOL	0.0020	ND	ND						
Total (%)		0.1790							

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COMMENTS

* Cannabinoid DE30829015-003POT

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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