

SUMMARY OF ANALYSIS (ORDER ID: OR79, SAMPLE ID: SA723)
Date Collected: 02/17/2023, Date Received: 02/21/2023, Date Completed: 02/24/2023

Customer ID: 29
 Alternative Labs
 4740 S. Cleveland Ave.
 Fort Myers, Florida 33907
 License: Not Entered or N/A

Sample Description: 1,500mg Peppermint
Lot Number: A30017230-2
Batch Number: Not Entered
Sample Matrix: Oil/Tincture

Sample Amount: 30mL
Batch Amount:

This page is a summary of the analysis performed. For analytical details, consult the attached page(s). All contaminant action levels are referenced from the State of Mississippi MMJ testing guidelines.

Moisture Content (%)
Not Tested

PASS/FAIL
PASS

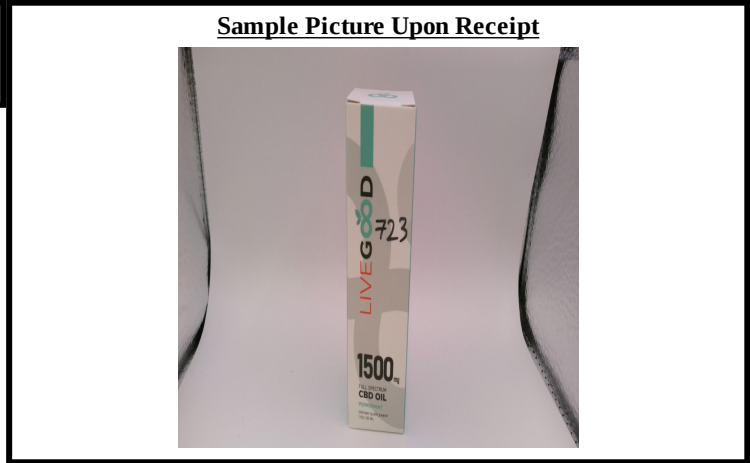
Water Activity (aw)
Not Tested

PASS/FAIL
PASS

Moisture content/water activity action levels are referenced from the State of Mississippi MMJ testing guidelines.
 Moisture content levels must be less than 15%. Water activity levels must be less than 0.65aw.

<u>Cannabinoids (Top 3)</u>	<u>(%)</u>	<u>mg/g</u>
CBD	4.78	47.8
CBNA	0.0289	0.289
CBN	0.0219	0.219
TOTAL CBD	4.79	47.9
TOTAL THC	-	-
TOTAL CANNABINOIDS	4.86	48.6

<u>Contaminants</u>	<u>PASS/FAIL</u>



Scan the QR code to verify results.

This information is provided as a service and makes no claims of efficacy and/or safety of this product.
 Results are applicable only for the sample(s) analyzed and for the specific analysis conducted.
 This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms.
 The statements and results herein have not been approved and/or endorsed by the FDA.




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CANNABINOID (POTENCY) PROFILE (SOP: SOP-CANN-001)

Analysis Date/Time: 02/23/2023 1302
Analyst: PG

Method: HPLC/DAD
Instrument: Shimadzu LC-2050

Moisture Content (%): -
Water Activity (aw): -

Cannabinoid	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)	Result (mg/mL)	Per Serving (mg)	Per Unit (mg)
CBC	ND	ND	0.0225	0.0525	-	-	-
CBCA	ND	ND	0.0699	0.163	-	-	-
CBD	4.78	47.8	0.159	0.370	-	1430	1430
CBDA	0.0139	0.139	0.0584	0.136	-	4.17	4.17
CBDV	0.0160	0.160	0.0255	0.0594	-	4.80	4.80
CBDVA	ND	ND	0.0679	0.158	-	-	-
CBG	<LOQ	<LOQ	0.103	0.241	-	-	-
CBGA	ND	ND	0.0738	0.172	-	-	-
CBL	ND	ND	0.119	0.278	-	-	-
CBN	0.0219	0.219	0.0547	0.128	-	6.57	6.57
CBNA	0.0289	0.289	0.0590	0.138	-	8.68	8.68
Δ9-THC	ND	ND	0.0655	0.153	-	-	-
Δ8-THC	ND	ND	0.102	0.239	-	-	-
THCA	ND	ND	0.0355	0.0831	-	-	-
THCV	ND	ND	0.0852	0.199	-	-	-
THCVA	ND	ND	0.0272	0.0633	-	-	-
TOTAL	4.86	0.437	48.6			1460	1460
TOTAL CBC	-	-	-			-	-
TOTAL CBD	4.79	0.431	47.9			1440	1440
TOTAL CBDV	0.0160	0.00144	0.160			4.80	4.80
TOTAL CBG	-	-	-			-	-
TOTAL CBN	0.0472	0.00375	0.472			14.2	14.2
TOTAL THC	-	-	-			-	-
TOTAL THCV	-	-	-			-	-



SERVING MASS (g): 30.0
SERVINGS/UNIT: 1

Deviations from standard operating procedure: None

Recoveries for all analyte standards: 90-110%
Replicate Uncertainties: <5% RSD, <20% RPD
Sample/Reagent Blanks: <RL for all analytes

Values for plant matter are adjusted for moisture content.

Total CBC = (CBCA x 0.877) + CBC
 Total CBD = (CBDA x 0.877) + CBD
 Total CBDV = (CBDVA x 0.867) + CBDV
 Total CBG = (CBGA x 0.878) + CBG
 Total CBN = (CBNA x 0.876) + CBN
 Total THC = (THCA x 0.877) + Δ9-THC
 Total THCV = (THCVA x 0.867) + THCV

Percentage results are reported by mass.

mg/g results are reported as mass component per mass material.

Abbreviations: DAD - Diode Array Detector, HPLC - High Pressure Liquid Chromatography, RPD - Relative Percent Difference, RSD - Relative Standard Deviation, ND - Not Detected Above LOD
 LOD - Limit of Detection, LOQ - Limit of Quantitation

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REPORT OF LABORATORY ANALYSIS

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