

## 1500mg Rest & Sleep Broad Spectrum

Sample ID: SA-230509-21462  
 Batch: 22325RSB.50  
 Type: Finished Product - Ingestible  
 Matrix: Oil / Liquid - MCT Oil  
 Serving Size 0.5mL, 60 Servings per Bottle

Received: 05/09/2023  
 Completed: 05/11/2023

**Client**  
 PharmaCentrix, LLC.  
 925 S. Capital Texas Hwy, Ste B-100  
 Austin, TX 78746  
 USA



### Summary

Test	Date Tested	Status
Cannabinoids	05/11/2023	Tested
Foreign Matter	05/10/2023	Tested
Heavy Metals	05/10/2023	Tested
Microbials	05/11/2023	Tested
Mycotoxins	05/11/2023	Tested
Pesticides	05/11/2023	Tested
Residual Solvents	05/11/2023	Tested
Terpenes	05/11/2023	Tested

<b>ND</b> Total Δ9-THC	<b>49.9 mg/mL</b> Total CBD	<b>58.3 mg/mL</b> Total Cannabinoids	<b>Not Tested</b> Moisture Content	<b>Not Detected</b> Foreign Matter	<b>Yes</b> Internal Standard Normalization
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### Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (%)	Result (mg/serving)
CBC	0.00095	0.00284	0.22556	0.0244	0.113
CBCA	0.00181	0.00543	ND	ND	ND
CBCV	0.0006	0.0018	ND	ND	ND
CBD	0.00081	0.00242	49.88466	5.39	24.9
CBDA	0.00043	0.0013	ND	ND	ND
CBDV	0.00061	0.00182	0.55462	0.0599	0.277
CBDVA	0.00021	0.00063	ND	ND	ND
CBG	0.00057	0.00172	0.83906	0.0906	0.420
CBGA	0.00049	0.00147	ND	ND	ND
CBL	0.00112	0.00335	0.11909	0.0129	0.0595
CBLA	0.00124	0.00371	ND	ND	ND
CBN	0.00056	0.00169	5.27494	0.570	2.64
CBNA	0.0006	0.00181	ND	ND	ND
CBT	0.0018	0.0054	1.34801	0.146	0.674
Δ8-THC	0.00104	0.00312	0.01938	0.00209	0.00969
Δ9-THC	0.00076	0.00227	ND	ND	ND
Δ9-THCA	0.00084	0.00251	ND	ND	ND
Δ9-THCV	0.00069	0.00206	ND	ND	ND
Δ9-THCVA	0.00062	0.00186	ND	ND	ND
<b>Total Δ9-THC</b>			<b>ND</b>	<b>ND</b>	<b>ND</b>
<b>Total</b>			<b>58.3</b>	<b>6.29</b>	<b>29.1</b>

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA \* 0.877 + Δ9-THC; Total CBD = CBDA \* 0.877 + CBD;



Generated By: Ryan Bellone  
 CCO

Date: 05/17/2023



Tested By: Nicholas Howard  
 Scientist

Date: 05/11/2023



ISO/IEC 17025:2017 Accredited  
 Accreditation #108651



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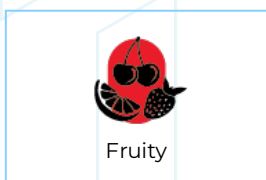
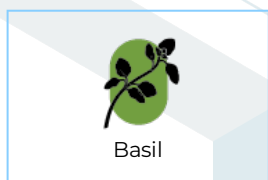
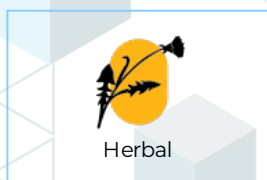
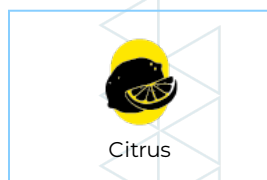
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## Terpenes by GC-MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
$\alpha$ -Bisabolol	0.002	0.01	0.03163	Limonene	0.002	0.01	1.10079
(+)-Borneol	0.002	0.01	ND	Linalool	0.002	0.01	0.01371
Camphene	0.002	0.01	<LOQ	$\beta$ -myrcene	0.002	0.01	0.48393
Camphor	0.004	0.02	ND	Nerol	0.002	0.01	<LOQ
3-Carene	0.002	0.01	ND	cis-Nerolidol	0.002	0.01	ND
$\beta$ -Caryophyllene	0.002	0.01	0.42559	trans-Nerolidol	0.002	0.01	ND
Caryophyllene Oxide	0.002	0.01	ND	Ocimene	0.002	0.01	0.05042
$\alpha$ -Cedrene	0.002	0.01	ND	$\alpha$ -Phellandrene	0.002	0.01	0.13082
Cedrol	0.002	0.01	ND	$\alpha$ -Pinene	0.002	0.01	0.17754
Eucalyptol	0.002	0.01	<LOQ	$\beta$ -Pinene	0.002	0.01	0.71165
Fenchone	0.004	0.02	<LOQ	Pulegone	0.002	0.01	ND
Fenchyl Alcohol	0.002	0.01	ND	Sabinene	0.002	0.01	0.04827
Geraniol	0.002	0.01	ND	Sabinene Hydrate	0.002	0.01	ND
Geranyl Acetate	0.002	0.01	ND	$\alpha$ -Terpinene	0.002	0.01	<LOQ
Guaial	0.002	0.01	ND	$\gamma$ -Terpinene	0.002	0.01	0.55999
Hexadhydrothymol	0.002	0.01	ND	$\alpha$ -Terpineol	0.001	0.005	0.01078
$\alpha$ -Humulene	0.002	0.01	0.0272	$\gamma$ -Terpineol	0.001	0.005	0.00894
Isoborneol	0.002	0.01	ND	Terpinolene	0.002	0.01	0.02511
Isopulegol	0.002	0.01	ND	Valencene	0.002	0.01	ND
				<b>Total Terpenes (%)</b>			<b>3.84</b>

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: 05/17/2023



 Tested By: Jasper van Heemst  
 Principal Scientist  
 Date: 05/11/2023


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## Heavy Metals by ICP-MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Arsenic	2	20	ND
Cadmium	1	20	ND
Lead	2	20	ND
Mercury	12	50	ND

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 Date: 05/17/2023



Tested By: Kelsey Rogers  
 Scientist  
 Date: 05/10/2023



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## 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
Boscalid	30	100	ND	Metalaxyl	30	100	ND
Carbaryl	30	100	ND	Methiocarb	30	100	ND
Carbofuran	30	100	ND	Methomyl	30	100	ND
Chloranthraniliprole	30	100	ND	Mevinphos	30	100	ND
Chlorfenapyr	30	100	ND	Myclobutanil	30	100	ND
Chlorpyrifos	30	100	ND	Naled	30	100	ND
Clofentezine	30	100	ND	Oxamyl	30	100	ND
Coumaphos	30	100	ND	Paclobutrazol	30	100	ND
Daminozide	30	100	ND	Phosmet	30	100	ND
Diazinon	30	100	ND	Piperonyl Butoxide	30	100	ND
Dichlorvos	30	100	ND	Propiconazole	30	100	ND
Dimethoate	30	100	ND	Propoxur	30	100	ND
Dimethomorph	30	100	ND	Pyrethrins	30	100	ND
Ethoprophos	30	100	ND	Pyridaben	30	100	ND
Etofenprox	30	100	ND	Spinetoram	30	100	ND
Etoxazole	30	100	ND	Spinosad	30	100	ND
Fenhexamid	30	100	ND	Spiromesifen	30	100	ND
Fenoxycarb	30	100	ND	Spirotetramat	30	100	ND
Fenpyroximate	30	100	ND	Spiroxamine	30	100	ND
Fipronil	30	100	ND	Tebuconazole	30	100	ND
Flonicamid	30	100	ND	Thiacloprid	30	100	ND
Fludioxonil	30	100	ND	Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

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 Tested By: Jasper van Heemst  
 Principal Scientist  
 Date: 05/11/2023


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## Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
B1	1	5	ND
B2	1	5	ND
G1	1	5	ND
G2	1	5	ND
Ochratoxin A	1	5	ND

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



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Tested By: Jasper van Heemst  
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## Microbials by PCR and Plating

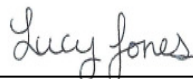
Analyte	LOD (CFU/g)	Result (CFU/g)
Total aerobic count	1	ND
Total coliforms	1	ND
Generic E. coli	1	ND
Salmonella spp.	1	ND
Shiga-toxin producing E. coli (STEC)	1	ND

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



Generated By: Ryan Bellone  
 CCO

Date: 05/17/2023



Tested By: Lucy Jones  
 Scientist

Date: 05/11/2023



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## Residual Solvents by HS-GC-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	167	500	ND	Ethylene Glycol	21	62	ND
Acetonitrile	14	41	ND	Ethylene Oxide	0.5	1	ND
Benzene	0.5	1	ND	Heptane	167	500	ND
Butane	167	500	ND	n-Hexane	10	29	ND
1-Butanol	167	500	ND	Isobutane	167	500	ND
2-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanone	167	500	ND	Isopropyl Alcohol	167	500	ND
Chloroform	2	6	ND	Isopropylbenzene	167	500	ND
Cyclohexane	129	388	ND	Methanol	100	300	ND
1,2-Dichloroethane	0.5	1	ND	2-Methylbutane	10	29	ND
1,2-Dimethoxyethane	4	10	ND	Methylene Chloride	20	60	ND
Dimethyl Sulfoxide	167	500	ND	2-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	3-Methylpentane	10	29	ND
2,2-Dimethylbutane	10	29	ND	n-Pentane	167	500	ND
2,3-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
N,N-Dimethylformamide	30	88	ND	n-Propane	167	500	ND
2,2-Dimethylpropane	167	500	ND	1-Propanol	167	500	ND
1,4-Dioxane	13	38	ND	Pyridine	7	20	ND
Ethanol	167	500	ND	Tetrahydrofuran	24	72	ND
2-Ethoxyethanol	6	16	ND	Toluene	30	89	ND
Ethyl Acetate	167	500	ND	Trichloroethylene	3	8	ND
Ethyl Ether	167	500	ND	Tetramethylene Sulfone	6	16	ND
Ethylbenzene	3	7	ND	Xylenes (o-, m-, and p-)	73	217	ND

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 Generated By: Ryan Bellone  
 CCO  
 Date: 05/17/2023



 Tested By: Scott Caudill  
 Senior Scientist  
 Date: 05/11/2023
