



Certificate of Analysis

Compliance Test

Client Information:

Drink BREZ LLC
313 Datura Street, Ste.200
West Palm Beach, FL 33401

Batch # BBFL003
Batch Date: 2024-11-08
Extracted From: various

Test Reg State: Florida

Order # DRI241108-030001
Order Date: 2024-11-08
Sample # AAGC856

Sampling Date: 2024-11-12
Lab Batch Date: 2024-11-12
Completion Date: 2024-12-11

Density: 1 g/ml
Volume: 355 ml

Number of Units: 3
Net Weight per Unit: 362960.333 mg



Product Image

Total Beta & Alpha
Glucans
Tested

Theanine-Caffeine-
Melatonin
Tested

Heavy Metals
Passed

Mycotoxins
Passed

Pesticides
Passed

Residual Solvents
Passed

Flavonoids
Tested

Total Beta & Alpha Glucans *
Net Weight: 1088.881 g

Analyte	LOQ (%)	Result (mg/g)	Analyte	LOQ (%)	Result (mg/g)
Alpha-glucan	1	<LOQ	Total glucan	3	<LOQ
Beta-glucan	2	<LOQ			

Tested
SOP-011 (UV-
spectrophotometer)

Flavonoids
Specimen Weight: 360000.000 mg

Analyte	Dilution (1:n)	LOQ (ppm)	Result (ppm)	Analyte	Dilution (1:n)	LOQ (ppm)	Result (ppm)
Apigenin	1.600	4	<LOQ	Kaempferol	1.600	1	<LOQ
Baicalin	1.600	8	<LOQ	Luteolin	1.600	2.5	<LOQ
beta sitosterol	1.600	5	2605.000	Orientin	1.600	5	<LOQ
Cannflavin A	1.600	3.91	<LOQ	Pelargonidin-3-O-glucoside	1.600	11.56	<LOQ
Cannflavin B	1.600	4.84	<LOQ	Quercetin	1.600	2.23	<LOQ
Cannflavin C	1.600	2.36	<LOQ	Rutin	8.000	7.81	793.800
Chrysin	1.600	2.5	<LOQ	Vitexin	1.600	4	<LOQ
Fisetin	1.600	5	<LOQ	Wogonin	1.600	0.5	<LOQ

Tested
SOP13.011
(LCMS)

Flavonoids Summary

Analyte	Result (ppm)	%
beta sitosterol	2605	0.2605%
Rutin	793.8	0.07938%

Total Flavonoids: 3398.800ppm

Detailed Flavonoids Analysis is on one of the following pages

Aixia Sun
Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.867), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.878) + CBG, CBN Total = (CBNA * 0.876) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Total Cannabinoids = Total percentage of cannabinoids within the sample. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram. ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034 The results apply to the sample as received. Please note that the analysis and sample image were conducted by an external laboratory. All test results are included in this COA for your reference. External testing COA is available upon request.
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Order # DRI241108-030001
Order Date: 2024-11-08
Sample # AAGC856Sampling Date: 2024-11-12
Lab Batch Date: 2024-11-12
Completion Date: 2024-12-11Density: 1 g/ml
Volume: 355 mlNumber of Units: 3
Net Weight per Unit: 362960.333 mg

Theanine-Caffeine-Melatonin

Specimen Weight: 360000.000 mg

Tested

SOP13.049 (LCMS)

Dilution Factor: 400.000

Analyte	LOD (%)	LOQ (%)	Result (ug/ml)	(%)	Total/Piece (mg)	Analyte	LOD (%)	LOQ (%)	Result (ug/ml)	(%)	Total/Piece (mg)
Caffeine	1.78E-6	0.00025	2.08000	0.000208	0.738	Melatonin	3.8E-7	0.00025	0	0	101.885
L-theanine	1.63E-6	0.00025	287.00000	0.0287							



Heavy Metals

Specimen Weight: 245.800 mg

Passed

SOP13.048 (ICP-MS)

Dilution Factor: 203

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	1500	<LOQ	Lead (Pb)	11.76	100	500	<LOQ
Cadmium (Cd)	.64	100	500	<LOQ	Mercury (Hg)	.58	100	3000	<LOQ



Mycotoxins

Specimen Weight: 589.500 mg

Passed

SOP13.007 (LCMS)

Dilution Factor: 2.540

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ	Aflatoxin G2	2.7100E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ	Ochratoxin A	7.5400E-1	3.8	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					

Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

Definitions are found on page 1

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Test Reg State: Florida

Order # DRI241108-030001
Order Date: 2024-11-08
Sample # AAGC856

Sampling Date: 2024-11-12
Lab Batch Date: 2024-11-12
Completion Date: 2024-12-11

Density: 1 g/ml
Volume: 355 ml

Number of Units: 3
Net Weight per Unit: 362960.333 mg



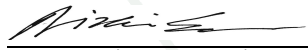
Residual Solvents - FL (CBD)

Specimen Weight: 17.000 mg

Passed
SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	NA	4017.679	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					


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Test Reg State: Florida

Order # DRI241108-030001
Order Date: 2024-11-08
Sample # AAGC856

Sampling Date: 2024-11-12
Lab Batch Date: 2024-11-12
Completion Date: 2024-12-11

Density: 1 g/ml
Volume: 355 ml

Number of Units: 3
Net Weight per Unit: 362960.333 mg



Pesticides

Specimen Weight: 589.500 mg

Passed

SOP13.007 (LCMS)

Dilution Factor: 2.540

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	300	<LOQ	Fludioxonil	1.7400E+0	48	3000	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Hexythiazox	4.9000E-2	30	2000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Azoxystrobin	8.1000E-2	10	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Metaxyl	8.1000E-2	10	3000	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	3000	<LOQ	methyl-Parathion	1.7100E+0	10	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Mevinphos	2.1500E+0	10	100	<LOQ
Carbofuran	3.4000E-2	10	100	<LOQ	Myclobutanil	1.0290E+0	30	3000	<LOQ
Chlorantraniliprole	3.3000E-2	10	3000	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlordane	1.0000E+1	10	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chlorfenapyr	3.4000E-2	30	100	<LOQ	Paclobutrazol	6.5000E-2	30	100	<LOQ
Chlormequat Chloride	1.0800E-1	10	3000	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	200	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Coumaphos	3.7700E+0	48	100	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Spinetoram	8.0000E-2	10	3000	<LOQ
Dimethomorph	5.8300E+0	48	3000	<LOQ	Spinosad	8.8000E-2	30	3000	<LOQ
Ethoprophos	3.6000E-1	30	100	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fenhexamid	5.1000E-1	10	3000	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ
Fonicamid	5.1700E-1	30	2000	<LOQ					

Aixia Sun
Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

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Date : October 09, 2024

CERTIFICATE OF ANALYSIS – THEOBROMINE – CAFFEINE – THEOPHYLLINE

SAMPLE IDENTIFICATION

Internal code : 24I25-BRZ01

Customer identification : Cacao Extract

Type : Extract

Source : *Theobroma cacao*

Customer : Drink BREZ LLC

Checked and approved by :



2024-10-09

Dany Massé, B. Sc., Chimiste 2016-110

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COMPOUNDS ANALYSIS

Method: Extraction of the sample with methanol:water with vortex agitation. Quantitation of theobromine, caffeine and theophylline by HPLC-DAD at 275 nm against a calibration curve of the reference compounds. Triplicate assay.

Analyst : Dany Massé, technicien

Analysis dates : September 26-27, 2024

RESULTS

Compound	Result (% m/m, $\pm$ standard deviation)
Theobromine	6.0 $\pm$ 0.2
Caffeine	1.31 $\pm$ 0.05
Theophylline	< 0.03

Date: 09/10/2024

CERTIFICAT D'ANALYSE - METAUX & MINÉRAUX
CERTIFICATE OF ANALYSIS - METALS & MINERALS

INFORMATIONS SUR L'ÉCHANTILLON / SAMPLE INFORMATION

Client: Drink BREZ LLC

Échantillon / Sample :

Cacao Extract

Reçu par / Received by: Cindy Caron B. Sc.

Type: Extract

Code PhytoChemia/PhytoChemia ID: 24125-BRZ01

ANALYSE / ANALYSIS

Méthode / Method: PC-MAT-005 + modifications

Préparé par / Prepared by: Claudie Vézina, Technicienne

Date: 30/09/2024

Analysé par / Analyzed by: Claudie Vézina, Technicienne

Date: 08/10/2024

Version du rapport / Report version : Version 1

Vérifié et approuvé par:
Checked and approved by:


Alexis St-Gelais, Ph. D., chimiste, 2013-174

Note 1: Résultats basés sur la masse brute. *Results based on as is mass.*

Note 2: Les résultats décrivent seulement l'échantillon reçu pour l'analyse. *The results only describe the samples that were submitted to the assays.*

Note 3: Ce rapport ne peut être publié, y compris en ligne, sans l'autorisation écrite du Laboratoire PhytoChemia. Ce rapport est signé numériquement. Il est seulement considéré valide si la signature numérique est intacte. *This report may not be published, including online, without the written consent from Laboratoire PhytoChemia. This report is digitally signed, it is only considered valid if the digital signature is intact.*

Note 4: À moins d'avis contraire, tous les échantillons de contrôle du laboratoire ont fourni des réponses conformes aux spécifications du laboratoire. *Unless otherwise stated, all quality control samples performed within specifications of*

RÉSULTATS COMPLETS / FULL RESULTS

Élément Element	Symbole Symbol	Concentration (ppm)	LOQ (ppm)
Lithium	Li	<LOQ	0.1
Bore	B	27	5
Sodium	Na	34	5
Magnésium / Magnesium	Mg	918	10
Aluminium / Aluminum	Al	<LOQ	5
Phosphore / Phosphorus	P	3424	50
Potassium	K	19979	200
Calcium	Ca	29	10
Titane / Titanium	Ti	<LOQ	0.10
Chrome / Chromium	Cr	<LOQ	0.1
Vanadium	V	<LOQ	0.1
Manganèse / Manganese	Mn	0.8	0.1
Fer / Iron	Fe	3.2	0.2
Cobalt	Co	0.65	0.1
Nickel	Ni	14	1
Cuivre / Copper	Cu	35	1
Zinc	Zn	6.1	0.5
Arsenic	As	<LOQ	0.2
Molybdène/ Molybdenum	Mo	<LOQ	0.1
Argent/ Silver	Ag	<LOQ	0.2
Cadmium	Cd	<LOQ	0.2
Antimoine/ Antimony	Sb	<LOQ	0.2
Mercurie / Mercury	Hg	<LOQ	0.1
Thallium	Tl	<LOQ	2
Plomb / Lead	Pb	<LOQ	0.1
Bismuth	Bi	<LOQ	0.1

LOQ: Limite de quantification
LOQ: Limit of quantification

< LOQ: Non détecté - Inférieur à la LOQ
< LOQ: Not detected - Below LOQ

N/R: Non rapporté
N/R: Not reported

N/C: Non compris dans l'analyse pour cette matrice
N/C: Not comprised in the assay for this matrix

Date: 2024-10-08

CERTIFICATE OF ANALYSIS – BLACK SEED OIL

Customer: BRZ – Drink BREZ LLC
Sample identification: Blended Emulsion
Internal code: 24125-BRZ02
Analyst: Cindy Caron, B. Sc., chimiste
Source: *Theobroma cacao*

THYMOQUINONE/PINENE/BHT CONTENT

Method of analysis: Direct quantitation by GC-FID in triplicate
Date of analysis: September 27-30, 2024

- **Thymoquinone:** 0.65 ± 0.08 mg/g (or 0.07 % m/m)
- **α -Pinene:** Matrix interference, not calculated
- **BHT (Butylated hydroxytoluene):** <1 ppm (not detected)

Checked and validated by :



Cindy Caron, B. Sc., Chimiste 2018-157

Note: This report is digitally signed, it is only considered valid if the digital signature is intact. The results only describe the samples that were submitted to the assays.

This report is an update from the first version on 2024-02-28 to correct the sample identification.