

Ripple Pure

CERTIFICATE OF ANALYSIS

Prepared for:
CALIPER FOODS

6360 E 58TH AVE
COMMERCE CITY, CO USA 80022

FS-RD-P-D9

Batch ID or Lot Number: 240661D9	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 2 of 8
Reported: 25Mar2024	Started: 21Mar2024	Received: 20Mar2024	

Cannabinoids - Colorado Compliance

Test ID: T000274784

Methods: TM14 (HPLC-DAD): Potency - Standard

Cannabinoid Analysis	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.003	0.010	ND	ND	
Cannabichromenic Acid (CBCA)	0.002	0.009	ND	ND	
Cannabidiol (CBD)	0.009	0.028	<LOQ	<LOQ	
Cannabidiolic Acid (CBDA)	0.010	0.029	ND	ND	
Cannabidivarin (CBDV)	0.002	0.007	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.004	0.012	ND	ND	
Cannabigerol (CBG)	0.002	0.006	ND	ND	
Cannabigerolic Acid (CBGA)	0.006	0.023	ND	ND	
Cannabinol (CBN)	0.002	0.007	ND	ND	
Cannabinolic Acid (CBNA)	0.004	0.016	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.008	0.028	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.007	0.025	0.294	2.94	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.006	0.022	ND	ND	
Tetrahydrocannabivarin (THCV)	0.001	0.005	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.005	0.020	ND	ND	
Total Cannabinoids			0.294	2.94	
Total Potential THC			0.294	2.94	
Total Potential CBD			0.000	0.00	

Final Approval

K Winternheimer
Karen Winternheimer
25Mar2024
09:58:00 AM MDT

Phillip Travisano
Phillip Travisano
25Mar2024
09:59:00 AM MDT

PREPARED BY / DATE

APPROVED BY / DATE

Prepared for:
CALIPER FOODS
6360 E 58TH AVE
COMMERCE CITY, CO USA 80022

FS-RD-P-D9


Batch ID or Lot Number: 240661D9	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 8
Reported: 25Mar2024	Started: 21Mar2024	Received: 20Mar2024	

Cannabinoids - Colorado Compliance

Test ID: T000274785
Methods: TM14 (HPLC-DAD): Potency - Standard

Cannabinoid Analysis	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.002	0.009	ND	ND	
Cannabichromenic Acid (CBCA)	0.002	0.008	ND	ND	
Cannabidiol (CBD)	0.009	0.025	<LOQ	<LOQ	
Cannabidiolic Acid (CBDA)	0.009	0.026	ND	ND	
Cannabidivarin (CBDV)	0.002	0.006	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.004	0.011	ND	ND	
Cannabigerol (CBG)	0.001	0.005	ND	ND	
Cannabigerolic Acid (CBGA)	0.006	0.021	ND	ND	
Cannabinol (CBN)	0.002	0.007	ND	ND	
Cannabinolic Acid (CBNA)	0.004	0.015	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.007	0.026	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.006	0.023	0.302	3.02	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.006	0.021	ND	ND	
Tetrahydrocannabivarin (THCV)	0.001	0.005	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.005	0.018	ND	ND	
Total Cannabinoids			0.302	3.02	
Total Potential THC			0.302	3.02	
Total Potential CBD			0.000	0.00	

Final Approval


Karen Winternheimer
25Mar2024
09:58:00 AM MDT
PREPARED BY / DATE


Phillip Travisano
25Mar2024
09:59:00 AM MDT
APPROVED BY / DATE

Prepared for:
CALIPER FOODS

6360 E 58TH AVE
COMMERCE CITY, CO USA 80022

FS-RD-P-D9

Batch ID or Lot Number: 240661D9	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 4 of 8
Reported: 25Mar2024	Started: 21Mar2024	Received: 20Mar2024	


Residual Solvents - Colorado Compliance


Test ID: T000274790

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	96 - 1914	ND	
Butanes (Isobutane, n-Butane)	167 - 3339	ND	
Methanol	60 - 1202	ND	
Pentane	78 - 1558	ND	
Ethanol	88 - 1766	ND	
Acetone	95 - 1902	ND	
Isopropyl Alcohol	99 - 1973	ND	
Hexane	6 - 117	ND	
Ethyl Acetate	96 - 1927	ND	
Benzene	0.2 - 3.9	ND	
Heptanes	89 - 1774	ND	
Toluene	17 - 347	ND	
Xylenes (m,p,o-Xylenes)	123 - 2461	ND	

Final Approval


 Karen Winternheimer
 25Mar2024
 05:31:00 PM MDT
 PREPARED BY / DATE


 Phillip Travisano
 25Mar2024
 05:32:00 PM MDT
 APPROVED BY / DATE

Prepared for:
CALIPER FOODS

6360 E 58TH AVE
COMMERCE CITY, CO USA 80022

FS-RD-P-D9

Batch ID or Lot Number: 240661D9	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 3 of 8
Reported: 25Mar2024	Started: 21Mar2024	Received: 20Mar2024	


Cannabinoids - Colorado Compliance


Test ID: T000274786

Methods: TM14 (HPLC-DAD): Potency - Standard

Cannabinoid Analysis	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.002	0.009	ND	ND	
Cannabichromenic Acid (CBCA)	0.002	0.008	ND	ND	
Cannabidiol (CBD)	0.009	0.026	<LOQ	<LOQ	
Cannabidiolic Acid (CBDA)	0.009	0.027	ND	ND	
Cannabidivarin (CBDV)	0.002	0.006	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.004	0.011	ND	ND	
Cannabigerol (CBG)	0.001	0.005	ND	ND	
Cannabigerolic Acid (CBGA)	0.006	0.022	ND	ND	
Cannabinol (CBN)	0.002	0.007	ND	ND	
Cannabinolic Acid (CBNA)	0.004	0.015	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.007	0.026	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.006	0.024	0.288	2.88	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.006	0.021	ND	ND	
Tetrahydrocannabivarin (THCV)	0.001	0.005	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.005	0.019	ND	ND	
Total Cannabinoids			0.288	2.88	
Total Potential THC			0.288	2.88	
Total Potential CBD			0.000	0.00	

Final Approval


Karen Winternheimer
25Mar2024
09:58:00 AM MDT


Phillip Travisano
25Mar2024
09:59:00 AM MDT

PREPARED BY / DATE

APPROVED BY / DATE

Prepared for:
CALIPER FOODS

6360 E 58TH AVE
COMMERCE CITY, CO USA 80022

FS-RD-P-D9

Batch ID or Lot Number: 240661D9	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 6 of 8
Reported: 25Mar2024	Started: 21Mar2024	Received: 20Mar2024	

Microbial Contaminants - Colorado Compliance

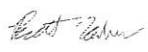
Test ID: T000274788


Methods: TM25 (qPCR) TM24, TM26,

TM27 (Culture Plating): Microbial
(Colorado Panel)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	None Detected	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval


Brett Hudson
25Mar2024
03:29:00 PM MDT


Brianne Maillot
26Mar2024
06:14:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE

Prepared for:
CALIPER FOODS
6360 E 58TH AVE
COMMERCE CITY, CO USA 80022

FS-RD-P-D9

Batch ID or Lot Number: 240661D9	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 5 of 8
Reported: 25Mar2024	Started: 21Mar2024	Received: 20Mar2024	


**Heavy Metals -
Colorado Compliance**

Test ID: T000274789
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.45	ND	
Cadmium	0.05 - 4.52	ND	
Mercury	0.05 - 4.53	ND	
Lead	0.05 - 4.52	ND	

Final Approval


Phillip Travisano
27Mar2024
07:37:00 AM MDT
PREPARED BY / DATE


Karen Winternheimer
27Mar2024
07:39:00 AM MDT
APPROVED BY / DATE

**Mycotoxins - Colorado
Compliance**

Test ID: T000274791
Methods: TM18 (UHPLC-QQQ)

LCMS/MS: Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.47 - 136.31	ND	N/A
Aflatoxin B1	0.94 - 34.43	ND	
Aflatoxin B2	1.01 - 34.30	ND	
Aflatoxin G1	0.97 - 34.04	ND	
Aflatoxin G2	0.94 - 34.59	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


Karen Winternheimer
28Mar2024
08:48:00 AM MDT
PREPARED BY / DATE


Phillip Travisano
28Mar2024
08:49:00 AM MDT
APPROVED BY / DATE

CERTIFICATE OF ANALYSIS

Prepared for:
CALIPER FOODS

6360 E 58TH AVE
COMMERCE CITY, CO USA 80022

FS-RD-P-D9

Batch ID or Lot Number: 240661D9	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 8 of 8
Reported: 25Mar2024	Started: 21Mar2024	Received: 20Mar2024	



<https://results.botanacor.com/api/v1/coas/uuid/ec1df146-5ba2-4547-88e8-15852bf1ee40>

Definitions

LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product), ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa *(0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 100,000 CFU.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA](#) for more details



Cert #4329.02
ec1df1465ba2454788e815852bf1ee40.1

Prepared for:
CALIPER FOODS
6360 E 58TH AVE
COMMERCE CITY, CO USA 80022

FS-RD-P-D9

Batch ID or Lot Number: 240661D9	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 7 of 8
Reported: 25Mar2024	Started: 21Mar2024	Received: 20Mar2024	


Pesticides

Test ID: T000274787

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)	Dynamic Range (ppb)	Result (ppb)	
Abamectin	353 - 2766	ND	Malathion	287 - 2690	ND
Acephate	40 - 2715	ND	Metalaxyl	45 - 2665	ND
Acetamiprid	42 - 2686	ND	Methiocarb	41 - 2782	ND
Azoxystrobin	43 - 2696	ND	Methomyl	41 - 2736	ND
Bifenazate	40 - 2677	ND	MGK 264 1	157 - 1604	ND
Boscalid	50 - 2724	ND	MGK 264 2	104 - 1096	ND
Carbaryl	40 - 2687	ND	Myclobutanil	39 - 2780	ND
Carbofuran	42 - 2683	ND	Naled	44 - 2666	ND
Chlorantraniliprole	46 - 2776	ND	Oxamyl	40 - 2750	ND
Chlorpyrifos	44 - 2738	ND	Pacllobutrazol	39 - 2687	ND
Clofentezine	281 - 2731	ND	Permethrin	266 - 2762	ND
Diazinon	281 - 2691	ND	Phosmet	41 - 2559	ND
Dichlorvos	270 - 2733	ND	Prophos	288 - 2753	ND
Dimethoate	42 - 2686	ND	Propoxur	43 - 2696	ND
E-Fenpyroximate	261 - 2758	ND	Pyridaben	281 - 2768	ND
Etofenprox	43 - 2727	ND	Spinosad A	34 - 2079	ND
Etoxazole	277 - 2656	ND	Spinosad D	65 - 655	ND
Fenoxycarb	44 - 2705	ND	Spiromesifen	269 - 2727	ND
Fipronil	41 - 2620	ND	Spirotetramat	282 - 2740	ND
Fonicamid	40 - 2793	ND	Spiroxamine 1	15 - 1057	ND
Fludioxonil	255 - 2762	ND	Spiroxamine 2	23 - 1635	ND
Hexythiazox	41 - 2755	ND	Tebuconazole	284 - 2722	ND
Imazalil	282 - 2730	ND	Thiacloprid	41 - 2704	ND
Imidacloprid	48 - 2778	ND	Thiamethoxam	40 - 2730	ND
Kresoxim-methyl	42 - 2735	ND	Trifloxystrobin	42 - 2699	ND

Final Approval


Karen Winternheimer
29Mar2024
01:11:00 PM MDT
PREPARED BY / DATE


Phillip Travisano
29Mar2024
01:13:00 PM MDT
APPROVED BY / DATE