Certificate of Analysis

Sample Name: Delta Cannabis Spirit Blood Orange Vanilla 750mL
Client: Delta Beverages
Sample Code: HEM-260529-001
Matrix Name: Beverage
Type / Result: Compliance - Pass

cambium analytica
an NSF company

Received Date: Fri, May 29, 2026
Published Date: Fri, Jun 5, 2026
Batch/Lot Code: 26.049
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 750g (17 servings/package.)

RESULT SUMMARY

Total Cannabinoids	19.02 mg /serv
Total THC	14.67 mg /serv
Total CBD	3.56 mg /serv

POT ✓ Cannabinoids — Potency	ASP ✓ Aspergillus — qPCR	SAL ✓ Salmonella spp. — qPCR	MOS ✓ Moisture Content — Loss on Drying	ECOLI ✓ Total Coliforms & E. coli — Plate
AFLA ✓ Aflatoxins — USP <561>	TAMC ✓ Total Aerobic Bacteria — Plate	SAUR ✓ Staphylococcus aureus — Plate	TYMFD ✓ Total Yeast & Mold — Plate	HPMET ✓ Heavy Metals — Expanded 7
CAPLC ✓ Chemical Residue — National Panel	CAPGC ✓ Chemical Residue — National Panel	SOLHM ✓ Residual Solvents — National Panel		

Approvals

RESULTS REVIEWED BY:

Leslie Nagy
Laboratory Director
Cambium Analytica
Friday, Jun 5, 2026

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations
Cambium Analytica
Friday, Jun 5, 2026

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Lab Information

Address: 1230 Woodmere Ave, Traverse City, MI 49686 **Phone:** 231.252.3669 **Accreditation:** ISO/IEC 17025:2017 – #108157

POT

Cannabinoids - Potency

LAB-TM-025 - Determination of Potency of Cannabis and Cannabis Infused Products
POT-HEM-260529-001-01 - THU, JUN 4, 2026

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Delta-9 THC	0.0333 %	0.3325 mg/g	14.67 mg	249.40 mg	N/A	0.0025 mg/g	0.005 mg/g	N/A
CBD	0.0081 %	0.0808 mg/g	3.56 mg	60.59 mg	N/A	0.0025 mg/g	0.005 mg/g	N/A
CBN	0.0012 %	0.0117 mg/g	0.52 mg	8.76 mg	N/A	0.0025 mg/g	0.005 mg/g	N/A
CBG	0.0006 %	0.0061 mg/g	0.27 mg	4.57 mg	N/A	0.0025 mg/g	0.005 mg/g	N/A
(6aR,9R)-Delta-10 THC	ND	N/A	N/A	N/A	N/A	0.0025 mg/g	0.005 mg/g	N/A
(6aR,9S)-Delta-10 THC	ND	N/A	N/A	N/A	N/A	0.0025 mg/g	0.005 mg/g	N/A
CBC	ND	N/A	N/A	N/A	N/A	0.0025 mg/g	0.005 mg/g	N/A
CBDA	ND	N/A	N/A	N/A	N/A	0.0025 mg/g	0.005 mg/g	N/A
CBDV	ND	N/A	N/A	N/A	N/A	0.0025 mg/g	0.005 mg/g	N/A
CBGA	ND	N/A	N/A	N/A	N/A	0.0025 mg/g	0.005 mg/g	N/A
Delta-8 THC	ND	N/A	N/A	N/A	N/A	0.0025 mg/g	0.005 mg/g	N/A
Delta-8 THCV	ND	N/A	N/A	N/A	N/A	0.0025 mg/g	0.005 mg/g	N/A
THCA	ND	N/A	N/A	N/A	N/A	0.0025 mg/g	0.005 mg/g	N/A
Delta-9 THCV	ND	N/A	N/A	N/A	N/A	0.0025 mg/g	0.005 mg/g	N/A
Total Cannabinoids*	0.0431 %	0.4311 mg/g	19.02 mg	323.31 mg	N/A	N/A	N/A	N/A
Delta-9 THC + Delta-8 THC	0.0333 %	0.3325 mg/g	14.67 mg	249.40 mg	N/A	N/A	N/A	N/A
Total THC*	0.0333 %	0.3325 mg/g	14.67 mg	249.40 mg	N/A	N/A	N/A	N/A
Total CBD*	0.0081 %	0.0808 mg/g	3.56 mg	60.59 mg	N/A	N/A	N/A	N/A
Total THCV*	0.0000 %	0.0000 mg/g	0 mg	0 mg	N/A	N/A	N/A	N/A

**Total Cannabinoids is calculated as the sum of all quantified cannabinoids.*
**Total THC is calculated as the sum of Delta-9 THC, Delta-8 THC, and 0.877*(THCA).*
**Total CBD is calculated as the sum of CBD and 0.877*(CBDA).*
**Total THCV is calculated as the sum of Delta-8 THCV and Delta-9 THCV.*

ASP

Aspergillus - qPCR

LAB-TM-006 - Microbial Analysis by qPCR
ASP-HEM-260529-001-01 - TUE, JUN 2, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Aspergillus Flavus	ND	N/A	N/A	N/A	N/A
Aspergillus Fumigatus	ND	N/A	N/A	N/A	N/A
Aspergillus Niger	ND	N/A	N/A	N/A	N/A
Aspergillus Spp	ND	N/A	N/A	N/A	N/A
Aspergillus Terreus	ND	N/A	N/A	N/A	N/A

SAL

Salmonella spp. - qPCR - 25g

LAB-TM-063 - Qualitative Detection of Presumptive Salmonella spp. in Foods and Dietary Supplements
SAL-HEM-260529-001-01 - WED, JUN 3, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Salmonella spp.	ND /25 g	N/A	N/A	N/A	N/A

USP <62> - Vendor Modified, USP <2022> - Vendor Modified, USP <1223>, AOAC PTM 121802, AOAC OMA 2020.02

MOS

Moisture Content - Loss on Drying

LAB-TM-008 - Loss on Drying
MOS-HEM-260529-001-01 - TUE, JUN 2, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Moisture	99.35 %	N/A	N/A	N/A	N/A

ECOLI

Total Coliforms & E. coli - Plate - 25g - Full Range

LAB-TM-059 - Enumeration of Escherichia coli and Total Coliform in Foods and Dietary Supplements
ECOLI-HEM-260529-001-01 - TUE, JUN 2, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
E. coli	ND	N/A	10 CFU/g	10 CFU/g	N/A
Total Coliforms	ND	N/A	10 CFU/g	10 CFU/g	N/A

USP <61> - Vendor Modified, USP <2021> - Vendor Modified, USP <1223>, AOAC PTM 051801, AOAC OMA 2018.13

Testing was conducted on a 25.2862 gram aliquot

AFLA

Aflatoxins - USP <561>

LAB-TM-043 - USP 561 Aflatoxins Analysis in Articles of Botanical Origin by LC-TQ
AFLA-HEM-260529-001-01 - TUE, JUN 2, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Ochratoxin A	ND	N/A	0.001 ug/g	0.002 ug/g	N/A
Aflatoxin B1	ND	N/A	0.001 ug/g	0.002 ug/g	N/A
Aflatoxin G2	ND	N/A	0.001 ug/g	0.002 ug/g	N/A
Aflatoxin B2	ND	N/A	0.001 ug/g	0.002 ug/g	N/A
Aflatoxin G1	ND	N/A	0.001 ug/g	0.002 ug/g	N/A
Total Aflatoxins*	0.000 ug/g	N/A	N/A	N/A	N/A

**Total Aflatoxins is calculated as the sum of B1, B2, G1, and G2*

TAMC

Total Aerobic Bacteria - Plate - 25g - Full Range

LAB-TM-060 - Enumeration of Total Aerobic Count in Foods and Dietary Supplements
TAMC-HEM-260529-001-01 - TUE, JUN 2, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Total Aerobic Count	ND	N/A	10 CFU/g	10 CFU/g	N/A

USP <61> - Vendor Modified, USP <1223>, AOAC PTM 121403, AOAC OMA 2015.13

Testing was conducted on a 25.2862 gram aliquot

SAUR

Staphylococcus aureus - Plate - 25g

LAB-TM-062 - Enumeration of Staphylococcus aureus in Foods and Dietary Supplements
SAUR-HEM-260529-001-01 - TUE, JUN 2, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
S. aureus	ND	N/A	10 CFU/g	10 CFU/g	N/A

USP <61> - Vendor Modified, USP <2021> - Vendor Modified, USP <1223>, AOAC OMA 2003.07

Testing was conducted on a 25.2862 gram aliquot

TYMFD

Total Yeast & Mold - Plate - 25g - Full Range

LAB-TM-061 - Enumeration of Yeast and Mold in Foods and Dietary Supplements
TYMFD-HEM-260529-001-01 - WED, JUN 3, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Total Mold	ND	N/A	10 CFU/g	10 CFU/g	N/A
Total Yeast	ND	N/A	10 CFU/g	10 CFU/g	N/A
Total Yeast and Mold*	ND	N/A	10 CFU/g	10 CFU/g	N/A

**Total Yeast and Mold is calculated as the sum of Total Yeast and Total Mold*

USP <61> - Vendor Modified, USP <1223>, AOAC PTM 121301, AOAC OMA 2014.05

Testing was conducted on a 25.2862 gram aliquot

HPMET

Heavy Metals - Expanded 7

LAB-TM-044 - Determination of Heavy Metals by ICP-MS
HPMET-HEM-260529-001-01 - TUE, JUN 2, 2026

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Arsenic	<LOQ	N/A	N/A	N/A	N/A	8.996 ug/kg	24.99 ug/kg	N/A
Cadmium	ND	N/A	N/A	N/A	N/A	1.799 ug/kg	6.248 ug/kg	N/A
Chromium	ND	N/A	N/A	N/A	N/A	5.098 ug/kg	12.495 ug/kg	N/A
Copper	<LOQ	N/A	N/A	N/A	N/A	3.998 ug/kg	12.495 ug/kg	N/A
Lead	ND	N/A	N/A	N/A	N/A	1.100 ug/kg	6.248 ug/kg	N/A
Mercury	ND	N/A	N/A	N/A	N/A	0.350 ug/kg	0.625 ug/kg	N/A
Nickel	ND	N/A	N/A	N/A	N/A	3.049 ug/kg	6.248 ug/kg	N/A

USP <233>, USP <730>, USP <1730>

CAPLC

Chemical Residue - National Panel - LC-TQ

ANA-TM-105 - Determination of Chemical Residue by LC-TQ - National Panel
CAPLC-HEM-260529-001-01 - TUE, JUN 2, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Abamectin	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Acephate	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Acequinocyl	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Acetamiprid	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Aldicarb	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Azoxystrobin	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Bifenazate	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Bifenthrin	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Boscalid	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Carbaryl	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Carbofuran	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Chlorantraniliprole	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Chlormequat Chloride	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Chlorpyrifos	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Clofentezine	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Coumaphos	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Cyfluthrin	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Cypermethrin	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Daminozide	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Diazinon	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Dichlorvos	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Dimethoate	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Dimethomorph I	ND	N/A	0.026 ug/g	0.052 ug/g	N/A
Dimethomorph II	ND	N/A	0.036 ug/g	0.072 ug/g	N/A
Ethoprophos	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Etofenprox	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Etoxazole	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Fenhexamid	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Fenoxycarb	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Fenpyroximate	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Fipronil	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Flonicamid	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Fludioxonil	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Hexythiazox	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Imazalil	ND	N/A	0.063 ug/g	0.125 ug/g	N/A

**Permethrin is reported as the sum of cis and trans isomers.*

**Total Dimethomorphs is calculated as the sum of Dimethomorph I and Dimethomorph II.*
**Total Pyrethrins is calculated as the sum of Cinerin I, Cinerin II, Jasmolin I, Jasmolin II, Pyrethrin I, and Pyrethrin II.*
**Total Spinetorams is calculated as the sum of Spinetoram J and Spinetoram L.*
**Total Spinosads is calculated as the sum of Spinosad A and Spinosad D.*

CAPLC

Chemical Residue - National Panel - LC-TQ

ANA-TM-105 - Determination of Chemical Residue by LC-TQ - National Panel
CAPLC-HEM-260529-001-01 - TUE, JUN 2, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Imidacloprid	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Kresoxim-methyl	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Malathion	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Metalaxyl	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Methiocarb	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Methomyl	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Mevinphos	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
MGK-264	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Myclobutanil	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Naled	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Oxamyl	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Paclobutrazol	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Permethrin*	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Phosmet	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Piperonyl Butoxide	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Prallethrin	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Propiconazole	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Propoxur	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Pyrethrins Cinerin I	ND	N/A	0.002 ug/g	0.004 ug/g	N/A
Pyrethrins Cinerin II	ND	N/A	0.001 ug/g	0.002 ug/g	N/A
Pyrethrins Jasmolin I	ND	N/A	0.002 ug/g	0.004 ug/g	N/A
Pyrethrins Jasmolin II	ND	N/A	0.002 ug/g	0.004 ug/g	N/A
Pyrethrins Pyrethrin I	ND	N/A	0.034 ug/g	0.069 ug/g	N/A
Pyrethrins Pyrethrin II	ND	N/A	0.021 ug/g	0.042 ug/g	N/A
Pyridaben	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Spinetoram J	ND	N/A	0.046 ug/g	0.092 ug/g	N/A
Spinetoram L	ND	N/A	0.016 ug/g	0.032 ug/g	N/A
Spinosad A	ND	N/A	0.048 ug/g	0.095 ug/g	N/A
Spinosad D	ND	N/A	0.015 ug/g	0.03 ug/g	N/A
Spiromesifen	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Spirotetramat	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Spiroxamine	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Tebuconazole	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Thiacloprid	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Thiamethoxam	ND	N/A	0.063 ug/g	0.125 ug/g	N/A

**Permethrin is reported as the sum of cis and trans isomers.*

**Total Dimethomorphs is calculated as the sum of Dimethomorph I and Dimethomorph II.*
**Total Pyrethrins is calculated as the sum of Cinerin I, Cinerin II, Jasmolin I, Jasmolin II, Pyrethrin I, and Pyrethrin II.*
**Total Spinetorams is calculated as the sum of Spinetoram J and Spinetoram L.*
**Total Spinosads is calculated as the sum of Spinosad A and Spinosad D.*

CAPLC

Chemical Residue - National Panel - LC-TQ

ANA-TM-105 - Determination of Chemical Residue by LC-TQ - National Panel

CAPLC-HEM-260529-001-01 - TUE, JUN 2, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Trifloxystrobin	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Total Dimethomorphs*	0.000 ug/g	N/A	N/A	N/A	N/A
Total Pyrethrins*	0.000 ug/g	N/A	N/A	N/A	N/A
Total Spinetorams*	0.000 ug/g	N/A	N/A	N/A	N/A
Total Spinosads*	0.000 ug/g	N/A	N/A	N/A	N/A

**Permethrin is reported as the sum of cis and trans isomers.*

**Total Dimethomorphs is calculated as the sum of Dimethomorph I and Dimethomorph II.*

**Total Pyrethrins is calculated as the sum of Cinerin I, Cinerin II, Jasmolin I, Jasmolin II, Pyrethrin I, and Pyrethrin II.*

**Total Spinetorams is calculated as the sum of Spinetoram J and Spinetoram L.*

**Total Spinosads is calculated as the sum of Spinosad A and Spinosad D.*

CAPGC

Chemical Residue - National Panel - GC-TQ

ANA-TM-109 - Determination of Chemical Residue by GC-TQ - National Panel

CAPGC-HEM-260529-001-01 - TUE, JUN 2, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Captan	ND	N/A	0.030 ug/g	0.102 ug/g	N/A
Chlorfenapyr	ND	N/A	0.014 ug/g	0.048 ug/g	N/A
cis-Chlordane	ND	N/A	0.004 ug/g	0.013 ug/g	N/A
Parathion-methyl	ND	N/A	0.008 ug/g	0.022 ug/g	N/A
Pentachloronitrobenzene (Quintozene)	ND	N/A	0.012 ug/g	0.041 ug/g	N/A
trans-Chlordane	ND	N/A	0.003 ug/g	0.011 ug/g	N/A
Total Chlordanes*	0.000 ug/g	N/A	N/A	N/A	N/A

**Total Chlordanes is calculated as the sum of cis-Chlordane and trans-Chlordane.*

SOLHM

Residual Solvents - National Panel

ANA-TM-053 - Determination of Residual Solvents

SOLHM-HEM-260529-001-01 - TUE, JUN 2, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
1,1-Dichloroethene	ND	N/A	5 ug/g	10 ug/g	N/A
1,2-Dichloroethane	ND	N/A	0.5 ug/g	1.00 ug/g	N/A
2-Methylbutane	ND	N/A	5 ug/g	10 ug/g	N/A
2-Methylpentane	ND	N/A	5 ug/g	10 ug/g	N/A
2,2-Dimethylbutane	ND	N/A	5 ug/g	10 ug/g	N/A
2,3-Dimethylbutane	ND	N/A	5 ug/g	10 ug/g	N/A
3-Methylpentane	ND	N/A	5 ug/g	10 ug/g	N/A
Acetone	ND	N/A	5 ug/g	10 ug/g	N/A
Acetonitrile	ND	N/A	5 ug/g	10 ug/g	N/A
Benzene	ND	N/A	0.18 ug/g	0.50 ug/g	N/A
Butane	ND	N/A	5 ug/g	10 ug/g	N/A
Chloroform	ND	N/A	0.78 ug/g	1 ug/g	N/A
Ethanol	ND	N/A	5 ug/g	10 ug/g	N/A
Ethyl Acetate	ND	N/A	5 ug/g	10 ug/g	N/A
Ethyl Ether	ND	N/A	5 ug/g	10 ug/g	N/A
Ethylene Oxide	ND	N/A	2 ug/g	4 ug/g	N/A
Heptane	ND	N/A	5 ug/g	10 ug/g	N/A
Hexane	ND	N/A	5 ug/g	10 ug/g	N/A
Isobutane	ND	N/A	5 ug/g	10 ug/g	N/A
Isopropyl Alcohol	ND	N/A	5 ug/g	10 ug/g	N/A
Methanol	ND	N/A	5 ug/g	10 ug/g	N/A
Methylene Chloride	ND	N/A	5 ug/g	10 ug/g	N/A
Neopentane	ND	N/A	5 ug/g	10 ug/g	N/A
Pentane	ND	N/A	5 ug/g	10 ug/g	N/A
Propane	ND	N/A	5 ug/g	10 ug/g	N/A
Toluene	ND	N/A	5 ug/g	10 ug/g	N/A
Total Xylenes	ND	N/A	5 ug/g	10 ug/g	N/A
Trichloroethylene	ND	N/A	0.5 ug/g	1 ug/g	N/A
Total Butanes*	0.000 ug/g	N/A	N/A	N/A	N/A
Total Hexanes*	0.000 ug/g	N/A	N/A	N/A	N/A
Total Pentanes*	0.000 ug/g	N/A	N/A	N/A	N/A

**Total Butanes is calculated as the sum of Butane and Isobutane*

**Total Hexanes is calculated as the sum of Hexane, 2,2-Dimethylbutane, 2,3-Dimethylbutane, 2-Methylpentane, and 3-Methylpentane.*

**Total Pentanes is calculated as the sum of Pentane, 2-Methylbutane, and Neopentane.*

Modified USP <467>