Certificate of Analysis

Produced: Oct 27, 2026

Sample: CBD Iso GVL-TST1173 (Concentrate) • **Client**: GVB Biopharma (Oregon Custom Supply)



Matrix: Concentrate
Sample ID: ICC-261023-30-001
Collected on: Oct 23, 2026
Received on: Oct 23, 2026
Sample Size: 5 g

Tests Taken
Potency

Cannabinoid Overview	
Total THC:	0.000 %
Total CBD:	99.3 %
Total Cannabinoids:	99.7 %
Sum of Cannabinoids:	99.7 %

POT-INST-005, POT-PREP-001: POT-INST-005, POT-PREP-001: Potency • Oct 27, 2026

Analyte	Amt (%)	Uncertainty	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail	Analyte	Amt (%)	Uncertainty	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail
CBC	ND	N/A	ND	0.338/1.01	N/A	CBT	ND	N/A	ND	0.147/0.512	N/A
CBD	99.3	± 0.983 %	993	0.103/0.512	N/A	Δ^8-THC	ND	N/A	ND	0.0828/0.512	N/A
CBDA	ND	N/A	ND	0.247/0.741	N/A	Δ^9-THC	ND	N/A	ND	0.137/0.512	N/A
CBDV	0.372	± 0.00338 %	3.72	0.0819/0.512	N/A	THCA	ND	N/A	ND	0.188/0.564	N/A
CBG	ND	N/A	ND	0.117/0.512	N/A	THCV	ND	N/A	ND	0.0632/0.512	N/A
CBGA	ND	N/A	ND	0.182/0.547	N/A	Total THC**	ND		ND		N/A
CBL	ND	N/A	ND	0.0806/0.512	N/A	Total CBD**	99.3	± 0.983 %	993		N/A
CBN	ND	N/A	ND	0.117/0.512	N/A	Total Cannabinoids*	99.7		997		N/A

* Beyond scope of accreditation
** Total Cannabinoids = Neutral Cannabinoids + (Acidic Cannabinoids * 0.877)
** Total THC = Delta-8-THC + (Delta-8-THCA x 0.877) + Delta-9-THC + (THCA x 0.877)
** Total CBD = CBD + (CBDA x 0.877)
NR= Not Reported, ND= Not Detected, *Reported by Dry Mass*; *analytical instrumentation used Cannabinoids: UHPLC-DAD, Moisture: Mass by Drying, Water Activity: Water Activity Meter, Foreign: Microscope* *Density tested at a temperature range between 19-24 °C, *Water Activity tested at a humidity range between 0-90% Relative Humidity. All OA samples are sampled by the client, All California State Compliant samples sampled using SAMPL-SOP-001.

https://lims.tagleaf.com/coa_/gud9iSepRG

Results Certified By: David Marelius PhD
CSO, Infinite Chemical Analysis Labs, CA
Oct 27, 2026

Results Certified By: Erik Paulson PhD
Lab Director, Infinite Chemical Analysis Labs, CA
Oct 27, 2026

Accreditations

PJLA
Testing
Accreditation #95560
ISO17025:2017

PJLA Accredited

POT-INST-005, POT-PREP-001: POT-INST-005, POT-PREP-001: Potency
CBC, CBCA, CBCV, CBD, CBDA, CBDV, CBDVA, CBG, CBGA, CBL, CBLA, CBN, CBNA, CBT, Delta-8-THC, Delta-9-THC, THCA, THCV, THCVA, Total CBD, Total THC

Results Certified By: David Marelius PhD
CSO, Infinite Chemical Analysis Labs, CA
Oct 27, 2026

Results Certified By: Erik Paulson PhD
Lab Director, Infinite Chemical Analysis Labs, CA
Oct 27, 2026

Certificate of Analysis

Sample Name: CBD Iso GVL-TST1173
Client: GVB Biopharma
Sample Code: HEM-261020-005
Matrix Name: Extract - Isolate
Type / Result: Quality Assurance - Pass

cambium analytica
an NSF company



Received Date:	Thu, Oct 22, 2026
Published Date:	Mon, Oct 26, 2026
Batch/Lot Code:	N/A
Batch Size:	N/A
Sample Size:	1U

PGUSP ✓	PLUSP ✓	HVMET ✓	SOLHM ✓
Pesticides	Pesticides	Heavy Metals	Residual Solvents
USP <561>	USP <561>	Big 4	USP <467>

Approvals

RESULTS REVIEWED BY:

Leslie Nagy — Laboratory Director — Cambium Analytica — Monday, Oct 26, 2026

RESULTS CERTIFIED BY:

Douglas Smith — VP - Scientific Operations — Cambium Analytica — Monday, Oct 26, 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

PGUSP

Pesticides - USP <561> - GC-MS/MS

ANA-TM-039 - USP 561 Pesticides Analysis in Articles of Botanical Origin by GC/TQ

PGUSP-HEM-261020-005-01 - FRI, OCT 23, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Aldrin	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
alpha-Endosulfan	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
alpha-Hexachlorocyclohexane	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
beta-Endosulfan	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
beta-Hexachlorocyclohexane	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
Bromophos-ethyl	ND	< 0.05 ug/g	0.003 ug/g	0.005 ug/g	PASS
Bromophos-methyl	ND	< 0.05 ug/g	0.003 ug/g	0.005 ug/g	PASS
Bromopropylate	ND	< 3 ug/g	0.003 ug/g	0.005 ug/g	PASS
Chlorpyriphos-methyl	ND	< 0.1 ug/g	0.003 ug/g	0.005 ug/g	PASS
Chlorthal-dimethyl	ND	< 0.01 ug/g	0.003 ug/g	0.005 ug/g	PASS
cis-Chlordane	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
cis-Heptachlorepoxide	ND	N/A	0.005 ug/g	0.010 ug/g	N/A
Cyfluthrin	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
delta-Hexachlorocyclohexane	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
Dichlofluanid	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
Dieldrin	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
Endosulfan Sulfate	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
Endrin	ND	< 0.05 ug/g	0.003 ug/g	0.006 ug/g	PASS
epsilon-Hexachlorocyclohexane	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
Fenchlorophos	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
Fenchlorophos-oxon	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
Fenitrothion	ND	< 0.5 ug/g	0.003 ug/g	0.005 ug/g	PASS
Fenvalerate	ND	< 1.5 ug/g	0.003 ug/g	0.005 ug/g	PASS
Heptachlor	ND	N/A	0.005 ug/g	0.010 ug/g	N/A
Hexachlorobenzene	ND	< 0.1 ug/g	0.003 ug/g	0.005 ug/g	PASS
Lindane (gamma-Hexachlorocyclohexane)	ND	< 0.6 ug/g	0.003 ug/g	0.005 ug/g	PASS
Methacriphos	ND	< 0.05 ug/g	0.013 ug/g	0.027 ug/g	PASS
Methylpentachlorphenyl Sulfide	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
Mirex	ND	< 0.01 ug/g	0.003 ug/g	0.005 ug/g	PASS
n-Desethyl-Pirimiphos-Methyl	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
o,p'-DDE	ND	N/A	0.003 ug/g	0.005 ug/g	N/A

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

* Total DDTs is calculated as the sum of o,p'-DDE, p,p'-DDE, o,p'-DDT, p,p'-DDT, o,p'-TDE, and p,p'-TDE.

* Total Endosulfans is calculated as the sum of alpha-Endosulfan, beta-Endosulfan, and Endosulfan Sulfate.

* Total Fenchlorophos is calculated as the sum of Fenchlorophos and Fencholorophos-oxon.

* Total Heptachlors is calculated as the sum of Heptachlor, cis-Heptachlorepoxide, and trans-Heptachlorepoxide.

* Total Hexachlorocyclohexanes is calculated as the sum of alpha-Hexachlorocyclohexane, beta-Hexachlorocyclohexane, delta-Hexachlorocyclohexane, and epsilon-Hexachlorocyclohexane.

* Total Quintozenes is calculated as the sum of Pentachloronitrobenzene (Quintozene), Pentachloroaniline, and Methylpentachlorphenyl Sulfide.

USP <561>

PGUSP

Pesticides - USP <561> - GC-MS/MS

ANA-TM-039 - USP 561 Pesticides Analysis in Articles of Botanical Origin by GC/TQ

PGUSP-HEM-261020-005-01 - FRI, OCT 23, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
o,p'-DDT	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
o,p'-TDE	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
Oxychlordane	ND	N/A	0.005 ug/g	0.010 ug/g	N/A
p,p'-DDE	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
p,p'-DDT	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
p,p'-Dicofol	ND	< 0.5 ug/g	0.003 ug/g	0.005 ug/g	PASS
p,p'-Methoxychlor	ND	< 0.05 ug/g	0.003 ug/g	0.005 ug/g	PASS
p,p'-TDE	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
Paraoxon-ethyl	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
Paraoxon-methyl	ND	N/A	0.005 ug/g	0.010 ug/g	N/A
Parathion-ethyl	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
Parathion-methyl	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
Pentachloroaniline	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
Pentachloroanisole	ND	< 0.01 ug/g	0.003 ug/g	0.005 ug/g	PASS
Pentachloronitrobenzene (Quintozene)	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
Procymidone	ND	< 0.1 ug/g	0.003 ug/g	0.005 ug/g	PASS
S-421	ND	< 0.02 ug/g	0.003 ug/g	0.005 ug/g	PASS
tau-Fluvalinate	ND	< 0.05 ug/g	0.003 ug/g	0.005 ug/g	PASS
Tecnazene	ND	< 0.05 ug/g	0.003 ug/g	0.005 ug/g	PASS
Tetradifon	ND	< 0.3 ug/g	0.003 ug/g	0.005 ug/g	PASS
trans-Chlordane	ND	N/A	0.003 ug/g	0.005 ug/g	N/A
trans-Heptachlorepoxide	ND	N/A	0.009 ug/g	0.017 ug/g	N/A
Vinclozolin	ND	< 0.4 ug/g	0.003 ug/g	0.005 ug/g	PASS
Aldrin + Dieldrin	0.000 ug/g	< 0.05 ug/g	N/A	N/A	PASS
Parathion-ethyl + Paraoxon-ethyl	0.000 ug/g	< 0.5 ug/g	N/A	N/A	PASS
Parathion-methyl + Paraoxon-methyl	0.000 ug/g	< 0.2 ug/g	N/A	N/A	PASS
Pirimiphos-Methyl + n-Desethyl-Pirimiphos-Methyl	0.000 ug/g	N/A	N/A	N/A	N/A
Total Chlordanes - USP *	0.000 ug/g	< 0.05 ug/g	N/A	N/A	PASS
Total DDTs *	0.000 ug/g	< 1 ug/g	N/A	N/A	PASS
Total Endosulfans *	0.000 ug/g	< 3 ug/g	N/A	N/A	PASS
Total Fenchlorophos *	0.000 ug/g	< 0.1 ug/g	N/A	N/A	PASS

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

* Total DDTs is calculated as the sum of o,p'-DDE, p,p'-DDE, o,p'-DDT, p,p'-DDT, o,p'-TDE, and p,p'-TDE.

* Total Endosulfans is calculated as the sum of alpha-Endosulfan, beta-Endosulfan, and Endosulfan Sulfate.

* Total Fenchlorophos is calculated as the sum of Fenchlorophos and Fencholorophos-oxon.

* Total Heptachlors is calculated as the sum of Heptachlor, cis-Heptachlorepoxide, and trans-Heptachlorepoxide.

* Total Hexachlorocyclohexanes is calculated as the sum of alpha-Hexachlorocyclohexane, beta-Hexachlorocyclohexane, delta-Hexachlorocyclohexane, and epsilon-Hexachlorocyclohexane.

* Total Quintozenes is calculated as the sum of Pentachloronitrobenzene (Quintozene), Pentachloroaniline, and Methylpentachlorphenyl Sulfide.

USP <561>

PGUSP

Pesticides - USP <561> - GC-MS/MS

ANA-TM-039 - USP 561 Pesticides Analysis in Articles of Botanical Origin by GC/TQ

PGUSP-HEM-261020-005-01 - FRI, OCT 23, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Total Heptachlors *	0.000 ug/g	< 0.05 ug/g	N/A	N/A	PASS
Total Hexachlorocyclohexanes *	0.000 ug/g	< 0.3 ug/g	N/A	N/A	PASS
Total Quintozenes *	0.000 ug/g	< 1 ug/g	N/A	N/A	PASS

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

* Total DDTs is calculated as the sum of o,p'-DDE, p,p'-DDE, o,p'-DDT, p,p'-DDT, o,p'-TDE, and p,p'-TDE.

* Total Endosulfans is calculated as the sum of alpha-Endosulfan, beta-Endosulfan, and Endosulfan Sulfate.

* Total Fenchlorophos is calculated as the sum of Fenchlorophos and Fencholorophos-oxon.

* Total Heptachlors is calculated as the sum of Heptachlor, cis-Heptachlorepoxide, and trans-Heptachlorepoxide.

* Total Hexachlorocyclohexanes is calculated as the sum of alpha-Hexachlorocyclohexane, beta-Hexachlorocyclohexane, delta-Hexachlorocyclohexane, and epsilon-Hexachlorocyclohexane.

* Total Quintozenes is calculated as the sum of Pentachloronitrobenzene (Quintozene), Pentachloroaniline, and Methylpentachlorphenyl Sulfide.

USP <561>

PLUSP

Pesticides - USP <561> - LC-MS/MS

ANA-TM-038 - USP 561 Pesticide Analysis in Articles of Botanical Origin by LC/TQ

PLUSP-HEM-261020-005-01 - FRI, OCT 23, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Acephate	ND	< 0.1 ug/g	0.012 ug/g	0.025 ug/g	PASS
Alachlor	ND	< 0.05 ug/g	0.012 ug/g	0.025 ug/g	PASS
Azinphos-ethyl	ND	< 0.1 ug/g	0.012 ug/g	0.025 ug/g	PASS
Azinphos-methyl	ND	< 1 ug/g	0.012 ug/g	0.025 ug/g	PASS
Chlorfenvinphos	ND	< 0.5 ug/g	0.012 ug/g	0.025 ug/g	PASS
Chlorpyriphos-ethyl	ND	< 0.2 ug/g	0.012 ug/g	0.025 ug/g	PASS
Cypermethrin	ND	< 1 ug/g	0.025 ug/g	0.125 ug/g	PASS
Deltamethrin	ND	< 0.5 ug/g	0.012 ug/g	0.025 ug/g	PASS
Diazinon	ND	< 0.5 ug/g	0.012 ug/g	0.025 ug/g	PASS
Dichlorvos	ND	< 1 ug/g	0.012 ug/g	0.025 ug/g	PASS
Dimethoate	ND	N/A	0.012 ug/g	0.025 ug/g	N/A
Ethion	ND	< 2 ug/g	0.012 ug/g	0.025 ug/g	PASS
Etrimphos	ND	< 0.05 ug/g	0.012 ug/g	0.025 ug/g	PASS
Fenpropathrin	ND	< 0.03 ug/g	0.012 ug/g	0.025 ug/g	PASS
Fensulfothion	ND	N/A	0.025 ug/g	0.050 ug/g	N/A
Fensulfothion Oxon	ND	N/A	0.012 ug/g	0.025 ug/g	N/A
Fensulfothion Oxonsulfone	ND	N/A	0.012 ug/g	0.025 ug/g	N/A
Fensulfothion Sulfone	ND	N/A	0.012 ug/g	0.025 ug/g	N/A
Fenthion	ND	N/A	0.012 ug/g	0.025 ug/g	N/A
Fenthion Oxon	ND	N/A	0.012 ug/g	0.025 ug/g	N/A
Fenthion Oxon Sulfone	ND	N/A	0.012 ug/g	0.025 ug/g	N/A
Fenthion Oxon Sulfoxide	ND	N/A	0.012 ug/g	0.025 ug/g	N/A
Fenthion Sulfone	ND	N/A	0.012 ug/g	0.025 ug/g	N/A
Fenthion Sulfoxide	ND	N/A	0.012 ug/g	0.025 ug/g	N/A
Flucythrinate	ND	< 0.05 ug/g	0.025 ug/g	0.050 ug/g	PASS
Fonophos	ND	< 0.05 ug/g	0.012 ug/g	0.025 ug/g	PASS
lambda-Cyhalothrin	ND	< 1 ug/g	0.025 ug/g	0.125 ug/g	PASS
Malaoxon	ND	N/A	0.012 ug/g	0.025 ug/g	N/A
Malathion	ND	N/A	0.012 ug/g	0.025 ug/g	N/A
Mecarbam	ND	< 0.05 ug/g	0.012 ug/g	0.025 ug/g	PASS
Methamidophos	ND	< 0.05 ug/g	0.012 ug/g	0.025 ug/g	PASS
Methidathion	ND	< 0.2 ug/g	0.012 ug/g	0.025 ug/g	PASS

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

* Total Fensulfothions is calculated as the sum of Fensulfothion, Fensulfothion Oxon, Fensulfothion Oxonsulfone, and Fensulfothion Sulfone.

* Total Fenthions is calculated as the sum of Fenthion, Fenthion Oxon, Fenthion Oxon Sulfone, Fenthion Oxon Sulfoxide, Fenthion Sulfone, and Fenthion Sulfoxide.

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

USP <561>

PLUSP

Pesticides - USP <561> - LC-MS/MS

ANA-TM-038 - USP 561 Pesticide Analysis in Articles of Botanical Origin by LC/TQ

PLUSP-HEM-261020-005-01 - FRI, OCT 23, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Monocrotophos	ND	< 0.1 ug/g	0.012 ug/g	0.025 ug/g	PASS
Omethoate	ND	N/A	0.012 ug/g	0.025 ug/g	N/A
Pendimethalin	ND	< 0.1 ug/g	0.012 ug/g	0.025 ug/g	PASS
Permethrin *	ND	< 1 ug/g	0.012 ug/g	0.025 ug/g	PASS
Phosalone	ND	< 0.1 ug/g	0.012 ug/g	0.025 ug/g	PASS
Phosmet	ND	< 0.05 ug/g	0.012 ug/g	0.025 ug/g	PASS
Piperonyl Butoxide	ND	< 3 ug/g	0.012 ug/g	0.025 ug/g	PASS
Pirimiphos-ethyl	ND	< 0.05 ug/g	0.012 ug/g	0.025 ug/g	PASS
Pirimiphos-methyl	ND	< 4 ug/g	0.012 ug/g	0.025 ug/g	PASS
Profenophos	ND	< 0.1 ug/g	0.012 ug/g	0.025 ug/g	PASS
Prothiophos	ND	< 0.05 ug/g	0.025 ug/g	0.050 ug/g	PASS
Pyrethrins Cinerin I	ND	N/A	0.004 ug/g	0.008 ug/g	N/A
Pyrethrins Cinerin II	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
Pyrethrins Jasmolin I	ND	N/A	0.000 ug/g	0.002 ug/g	N/A
Pyrethrins Jasmolin II	ND	N/A	0.001 ug/g	0.002 ug/g	N/A
Pyrethrins Pyrethrin I	ND	N/A	0.007 ug/g	0.034 ug/g	N/A
Pyrethrins Pyrethrin II	ND	N/A	0.003 ug/g	0.016 ug/g	N/A
Quinalphos	ND	< 0.05 ug/g	0.012 ug/g	0.025 ug/g	PASS
Dimethoate + Omethoate	0.000 ug/g	< 0.1 ug/g	N/A	N/A	PASS
Malathion + Malaoxon	0.000 ug/g	< 1 ug/g	N/A	N/A	PASS
Total Fensulfothions *	0.000 ug/g	< 0.05 ug/g	N/A	N/A	PASS
Total Fenthions *	0.000 ug/g	< 0.05 ug/g	N/A	N/A	PASS
Total Pyrethrins *	0.000 ug/g	< 3 ug/g	N/A	N/A	PASS

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

* Total Fensulfothions is calculated as the sum of Fensulfothion, Fensulfothion Oxon, Fensulfothion Oxonsulfone, and Fensulfothion Sulfone.

* Total Fenthions is calculated as the sum of Fenthion, Fenthion Oxon, Fenthion Oxon Sulfone, Fenthion Oxon Sulfoxide, Fenthion Sulfone, and Fenthion Sulfoxide.

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

USP <561>

HVMET

Heavy Metals - Big 4

ANA-TM-044 - Determination of Heavy Metals by ICP-MS

HVMET-HEM-261020-005-01 - MON, OCT 26, 2026

Analyte	Value	Value (mg/g)	Action Limit	LOD	LOQ	Status
Arsenic	ND	N/A	N/A	18.371 ug/kg	51.031 ug/kg	N/A
Cadmium	ND	N/A	N/A	3.674 ug/kg	5.103 ug/kg	N/A
Lead	ND	N/A	N/A	2.245 ug/kg	5.103 ug/kg	N/A
Mercury	ND	N/A	N/A	0.714 ug/kg	1.276 ug/kg	N/A

USP <232>; USP <233>

SOLHM

Residual Solvents - USP <467>

ANA-TM-053 - Determination of Residual Solvents
SOLHM-HEM-261020-005-01 - FRI, OCT 23, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
1,1-Dichloroethene	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
1,2-Dichloroethane	ND	N/A	0.493 ug/g	0.985 ug/g	N/A
2-Methylbutane	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
2-Methylpentane	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
2,2-Dimethylbutane	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
2,3-Dimethylbutane	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
3-Methylpentane	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
Acetone	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
Acetonitrile	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
Benzene	ND	N/A	0.493 ug/g	0.985 ug/g	N/A
Butane	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
Chloroform	ND	N/A	0.493 ug/g	0.985 ug/g	N/A
Ethanol	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
Ethyl Acetate	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
Ethyl Ether	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
Ethylene Oxide	ND	N/A	1.970 ug/g	3.941 ug/g	N/A
Heptane	299.766 ug/g	N/A	4.926 ug/g	9.852 ug/g	N/A
Hexane	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
Isobutane	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
Isopropyl Alcohol	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
Methanol	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
Methylene Chloride	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
Neopentane	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
Pentane	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
Propane	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
Toluene	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
Total Xylenes *	ND	N/A	4.926 ug/g	9.852 ug/g	N/A
Trichloroethylene	ND	N/A	0.493 ug/g	0.985 ug/g	N/A
Total Butanes *	0.000 ug/g	N/A	N/A	N/A	N/A

* Total Xylenes is calculated as the sum of m-xylene, o-xylene, and p-xylene.

* 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.

USP <467>

SOLHM

Residual Solvents - USP <467>

ANA-TM-053 - Determination of Residual Solvents

SOLHM-HEM-261020-005-01 - FRI, OCT 23, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
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 Xylenes is calculated as the sum of m-xylene, o-xylene, and p-xylene.

* 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.

USP <467>

Columbia LABORATORIES
A Tentamus Company

12423 NE Whitaker Way
Portland, OR 97230
503-254-1794

Report Number:	26-013160/D002.R000
Report Date:	10/28/2026
ORELAP#:	OR100028
Received:	10/21/26 10:02

Customer:	Central Oregon Processing 212 NE North St. Grass Valley Oregon 97029 United States of America (USA)
Product identity:	CBD Iso GVL-TST1173
Material:	Cannabinoid Isolate
Laboratory ID:	26-013160-0001
Evidence of Cooling:	No
Temp:	21.5 °C

Sample Results

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed	Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2608134	10/24/26	AOAC 991.14 (Petrifilm)		
Total Coliforms	< LOQ		cfu/g	10	2608134	10/24/26	AOAC 991.14 (Petrifilm)		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2608135	10/25/26	AOAC 2014.05 (RAPID)		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2608135	10/25/26	AOAC 2014.05 (RAPID)		

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.

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Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

Units of Measure

% wt = µg/g divided by 10,000

cfu/g = Colony forming units per gram

Approved Signatory

Derrick Tanner
General Manager

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Columbia LABORATORIES
A Tentamus Company

Hemp & Cannabis Chain of Custody

Central-Oregon-Processing-1792
528572

Company Details

Company: Central Oregon Processing
Contact: Bharath Pogula
Street Address: 374 NE Peters Rd
City, State, Zip: Prineville, OR 97754
Email: bharath@gvbbiopharma.com
Contact Phone: 9737225455

Billing Information

Billing Email: bharath@gvbbiopharma.com

Project Details

Report Turnaround Time: 5 Business Days | Req. For Micro Testing | Standard
Compliance : Research & Development Testing Only
Relinquishment | Sampling, Courier & Shipping Options: By Shipping Service (USPS, UPS, Fedex)

Receipt Information

Evidence of Cooling?: No
Sample Condition: Satisfactory
Prelog Storage: Canna Shelves

#	Sample Name	Material	Amount Provided	Testing: M075 – E. coli/Coliform Count (EC) Petrifilm	Testing: M283 – RAPID Yeast and Mold Count (RYM) Petrifilm
1	CBD Iso GVL-TST1173	Cannabinoid Isolate	10 g	✓	✓

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	IR Therm. CL#
Bharath Pogula	10/20/2026	13:36	kma	10/21/2026	10:02	21.50	CL-1243

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the current terms of services associated with this COC. By signing "Relinquished by" you are agreeing to these terms.

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.