

H4CBD

 Sample ID: SA-260313-78216
 Batch: HC8H4C0326
 Type: Raw Material
 Matrix: Concentrate - Distillate
 Unit Mass (g):

 Received: 03/16/2026
 Completed: 03/27/2026

Client
 Highly Concentr8ed
 2144 Gulf Gate Dr.
 Sarasota, FL 34231
 USA
 Lic. #: 405998

Summary

Test	Date Tested	Status
Cannabinoids	03/26/2026	Tested
Vitamin E Acetate	03/25/2026	Tested
Prohibited Substances by HS-GC-MS	03/19/2026	Tested
Foreign Matter	03/24/2026	Tested
Heavy Metals	03/23/2026	Tested
Microbials	03/27/2026	Tested
Mycotoxins	03/26/2026	Tested
Pesticides	03/26/2026	Tested
Residual Solvents	03/19/2026	Tested
Terpenes	03/19/2026	Tested

ND Total Δ9-THC	54.2 % 9R-H4-CBD	96.5 % Total Cannabinoids	Not Tested Moisture Content	Not Detected Foreign Matter	Yes Internal Standard Normalization
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The current and valid permit number for the facility issued by the clients regulatory entity is stated above, indicating that the facility meets the human health or food safety sanitization requirements of FDACS as stated in the permit number.



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 Laboratory Manager
 Date: 03/27/2026


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Cannabinoids by HPLC-PDA and GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0009	0.0028	ND	ND
CBCA	0.0018	0.0054	ND	ND
CBCV	0.0006	0.0018	ND	ND
CBD	0.0008	0.0024	ND	ND
CBDA	0.0004	0.0013	ND	ND
CBDP	0.0133	0.04	ND	ND
CBDV	0.0006	0.0018	ND	ND
CBDVA	0.0002	0.0006	ND	ND
CBD diacetate	0.0133	0.04	ND	ND
CBG	0.0006	0.0017	ND	ND
CBGA	0.0005	0.0015	ND	ND
CBG diacetate	0.0133	0.04	ND	ND
CBL	0.0011	0.0034	ND	ND
CBLA	0.0012	0.0037	ND	ND
CBN	0.0006	0.0017	ND	ND
CBN acetate	0.0133	0.04	ND	ND
CBNA	0.0006	0.0018	ND	ND
CBNP	0.0133	0.04	ND	ND
CBT	0.0018	0.0054	ND	ND
Δ4,8-iso-THC	0.0133	0.04	ND	ND
Δ6a,10a-THC	0.0133	0.04	ND	ND
Δ8-iso-THC	0.0133	0.04	ND	ND
Δ8-THC	0.001	0.0031	ND	ND
Δ8-THC acetate	0.0133	0.04	ND	ND
Δ8-THCP	0.0133	0.04	ND	ND
Δ8-THCV	0.0133	0.04	ND	ND
Δ9-THC	0.0008	0.0023	ND	ND
Δ9-THC acetate	0.0133	0.04	ND	ND
Δ9-THCA	0.0008	0.0025	ND	ND
Δ9-THCP	0.0133	0.04	ND	ND
Δ9-THCV	0.0007	0.0021	ND	ND
Δ9-THCVA	0.0006	0.0019	ND	ND
(6aR,9R)-Δ10-THC	0.0133	0.04	ND	ND
(6aR,9S)-Δ10-THC	0.0133	0.04	ND	ND
exo-THC	0.0133	0.04	ND	ND
(6aR,9R,10aR)-HHC	0.0133	0.04	ND	ND
(6aR,9S,10aR)-HHC	0.0133	0.04	ND	ND
(6aR,9R,10aR)-HHC acetate	0.0133	0.04	ND	ND
(6aR,9S,10aR)-HHC acetate	0.0133	0.04	ND	ND
9R-H4-CBD	0.0133	0.04	54.2	542
9S-H4-CBD	0.0133	0.04	42.4	424
Total Δ9-THC			ND	ND
Total			96.5	965

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = Sample matrix interference present which may affect accuracy of results; 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: Scott Caudill
 Laboratory Manager
 Date: 03/27/2026



 Tested By: Nicholas Howard
 Scientist
 Date: 03/26/2026

 ISO/IEC 17025:2017 Accredited
 Accreditation #108651


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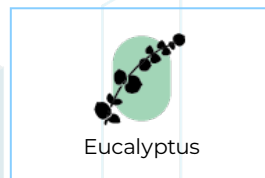
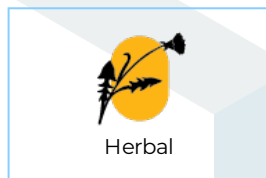
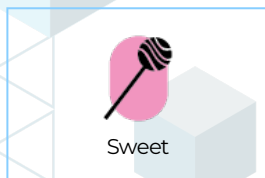
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Terpenes by GC-MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α-Bisabolol	0.002	0.01	ND	Limonene	0.002	0.01	ND
(+)-Borneol	0.002	0.01	ND	Linalool	0.002	0.01	ND
Camphene	0.002	0.01	ND	β-myrcene	0.002	0.01	ND
Camphor	0.004	0.02	ND	Nerol	0.002	0.01	ND
3-Carene	0.002	0.01	ND	cis-Nerolidol	0.002	0.01	ND
β-Caryophyllene	0.002	0.01	ND	trans-Nerolidol	0.002	0.01	ND
Caryophyllene Oxide	0.002	0.01	ND	Ocimene	0.002	0.01	0.0146
α-Cedrene	0.002	0.01	ND	α-Phellandrene	0.002	0.01	<LOQ
Cedrol	0.002	0.01	ND	α-Pinene	0.002	0.01	ND
Eucalyptol	0.002	0.01	ND	β-Pinene	0.002	0.01	ND
Fenchone	0.004	0.02	ND	Pulegone	0.002	0.01	ND
Fenchyl Alcohol	0.002	0.01	ND	Sabinene	0.002	0.01	ND
Geraniol	0.002	0.01	ND	Sabinene Hydrate	0.002	0.01	ND
Geranyl Acetate	0.002	0.01	ND	α-Terpinene	0.002	0.01	0.0283
Guaiol	0.002	0.01	ND	γ-Terpinene	0.002	0.01	ND
Hexahydrothymol	0.002	0.01	ND	α-Terpineol	0.001	0.005	ND
α-Humulene	0.002	0.01	ND	γ-Terpineol	0.001	0.005	ND
Isoborneol	0.002	0.01	ND	Terpinolene	0.002	0.01	ND
Isopulegol	0.002	0.01	ND	Valencene	0.002	0.01	ND
				Total Terpenes (%)			0.0513

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 Generated By: Scott Caudill
 Laboratory Manager
 Date: 03/27/2026



 Tested By: Kelsey Rogers
 Scientist
 Date: 03/19/2026


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Heavy Metals by ICP-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Arsenic	0.002	0.02	ND
Cadmium	0.002	0.02	ND
Lead	0.005	0.05	<LOQ
Mercury	0.005	0.01	ND

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 Generated By: Scott Caudill
 Laboratory Manager
 Date: 03/27/2026



 Tested By: Annie Velazquez
 Assistant Scientist
 Date: 03/23/2026


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Pesticides by LC-MS/MS and GC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Abamectin	30	100	ND	Hexythiazox	30	100	ND
Acephate	30	100	ND	Imazalil	30	100	ND
Acequinocyl	30	100	ND	Imidacloprid	30	100	ND
Acetamiprid	30	100	ND	Kresoxim methyl	30	100	ND
Aldicarb	30	100	ND	Malathion	30	100	ND
Azoxystrobin	30	100	ND	Metalaxyl	30	100	ND
Bifenazate	30	100	ND	Methiocarb	30	100	ND
Bifenthrin	30	100	ND	Methomyl	30	100	ND
Boscalid	30	100	ND	Methyl parathion	30	100	NR
Captan	30	100	NR	Mevinphos	30	100	ND
Carbaryl	30	100	ND	MGK-264	30	100	NR
Carbofuran	30	100	ND	Myclobutanil	30	100	ND
Chloranthraniliprole	30	100	ND	Naled	30	100	ND
Chlordane	30	100	NR	Oxamyl	30	100	ND
Chlorfenapyr	30	100	ND	Paclobutrazol	30	100	ND
Chlormequat chloride	30	100	ND	Pentachloronitrobenzene	30	100	NR
Chlorpyrifos	30	100	ND	Permethrin	30	100	ND
Clofentezine	30	100	ND	Phosmet	30	100	ND
Coumaphos	30	100	ND	Piperonyl Butoxide	30	100	ND
Cyfluthrin	30	100	NR	Prallethrin	30	100	ND
Cypermethrin	30	100	ND	Propiconazole	30	100	ND
Daminozide	30	100	ND	Propoxur	30	100	ND
Diazinon	30	100	ND	Pyrethrins	30	100	ND
DDVP (Dichlorvos)	30	100	ND	Pyridaben	30	100	ND
Dimethoate	30	100	ND	Spinetoram	30	100	ND
Dimethomorph	30	100	ND	Spinosad	30	100	ND
Ethoprophos	30	100	ND	Spiromesifen	30	100	ND
Etofenprox	30	100	ND	Spirotetramat	30	100	ND
Etoxazole	30	100	ND	Spiroxamine	30	100	ND
Fenhexamid	30	100	ND	Tebuconazole	30	100	ND
Fenoxycarb	30	100	ND	Thiacloprid	30	100	ND
Fenpyroximate	30	100	ND	Thiamethoxam	30	100	ND
Fipronil	30	100	ND	Trifloxystrobin	30	100	ND
Fonicamid	30	100	ND				
Fludioxonil	30	100	ND				

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 Generated By: Scott Caudill
 Laboratory Manager
 Date: 03/27/2026



 Authorized By: Jasper van Heemst
 Principal Scientist
 Date: 03/26/2026


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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

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Generated By: Scott Caudill
 Laboratory Manager
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Tested By: Jasper van Heemst
 Principal Scientist
 Date: 03/26/2026



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Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	10	ND	
Aspergillus flavus	1		Not Detected per 1 gram
Aspergillus fumigatus	1		Not Detected per 1 gram
Aspergillus niger	1		Not Detected per 1 gram
Aspergillus terreus	1		Not Detected per 1 gram
Bile-tolerant gram-negative bacteria	10	ND	
Total coliforms	10	ND	
Generic E. coli	10	ND	
Salmonella spp.	1		Not Detected per 1 gram
Shiga-toxin producing E. coli (STEC)	1		Not Detected per 1 gram
Total yeast and mold count (TYMC)	10	ND	

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = Sample matrix interference present which may affect accuracy of results; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit



 Generated By: Scott Caudill
 Laboratory Manager
 Date: 03/27/2026



 Tested By: Sara Cook
 Laboratory Technician
 Date: 03/27/2026


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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	33	100	ND	Ethylene Oxide	0.5	1	ND
Acetonitrile	14	41	ND	Heptane	33	100	ND
Benzene	0.5	1	ND	n-Hexane	2	6	ND
Butane	33	100	ND	Isobutane	33	100	ND
1-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanol	167	500	ND	Isopropyl Alcohol	167	500	ND
2-Butanone	167	500	ND	Isopropylbenzene	167	500	ND
Chloroform	2	6	ND	Methanol	20	60	ND
Cyclohexane	129	388	ND	2-Methylbutane	10	29	ND
1,2-Dichloroethane	0.5	1	ND	Methylene Chloride	20	60	ND
1,2-Dimethoxyethane	4	10	ND	2-Methylpentane	2	6	ND
Dimethyl Sulfoxide	167	500	ND	3-Methylpentane	2	6	ND
N,N-Dimethylacetamide	37	109	ND	n-Pentane	33	100	ND
2,2-Dimethylbutane	2	6	ND	1-Pentanol	167	500	ND
2,3-Dimethylbutane	2	6	ND	n-Propane	33	100	ND
N,N-Dimethylformamide	30	88	ND	1-Propanol	167	500	ND
2,2-Dimethylpropane	167	500	ND	Pyridine	7	20	ND
1,4-Dioxane	13	38	ND	Tetrahydrofuran	24	72	ND
Ethanol	167	500	ND	Toluene	6	18	ND
2-Ethoxyethanol	6	16	ND	Trichloroethylene	3	8	ND
Ethyl Acetate	33	100	ND	Xylenes (o-, m-, and p-)	14	43	ND
Ethyl Ether	167	500	ND				
Ethylbenzene	3	7	ND				

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 Generated By: Scott Caudill
 Laboratory Manager
 Date: 03/27/2026



 Tested By: Kelsey Rogers
 Scientist
 Date: 03/19/2026


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Vitamin E Acetate

Analyte	Result	Unit	LOD	LOQ
Vitamin E Acetate	ND	%	0.03	0.1

Prohibited Substances by HS-GC-MS

Analyte	Result	Unit	LOD	LOQ
2,3-butanedione (Diacetyl)	ND	ppm	30	100
1,1-dichloroethene	ND	ppm	1	5



Generated By: Scott Caudill
 Laboratory Manager
 Date: 03/27/2026



Tested By: Kelsey Rogers
 Principal Scientist
 Date: 03/29/2026

