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#### D9-THCH

Sample ID: SA-240417-38502 Batch: ALTHCH0424 Type: In-Process Material Matrix: Concentrate - Distillate Unit Mass (g):

Received: 04/18/2024 Completed: 04/30/2024 Client

Arvida Labs 1291 NW 65th PL Unit B Fort Lauderdale, FL 33309

USA



Summary

Test Cannabinoids Catalyst Metals Heavy Metals Microbials Mycotoxins Pesticides Residual Solvents

**Date Tested** Status 04/30/2024 Tested 04/25/2024 Tested 04/23/2024 Tested 04/23/2024 Tested 04/22/2024 Tested 04/22/2024 Tested 04/23/2024 Tested

ND Total Δ9-THC

91.1% Δ9-THCH

94.3% Total Cannabinoids

**Not Tested** Moisture Content

**Not Tested** Foreign Matter

Yes Internal Standard Normalization

Cannabinoids by GC-MS/MS

	•			
Analyte	LOD	LOQ	Result	Result
	(%)	(%)	(%)	(mg/g)
CBC	0.0095	0.0284	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	ND	ND
CBDB	0.0067	0.02	ND	ND
CBDP	0.0067	0.02	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBG	0.0057	0.0172	ND	ND
CBL	0.0112	0.0335	ND	ND
CBN	0.0056	0.0169	ND	ND
CBT	0.018	0.054	ND	ND
Δ8-THC	0.0104	0.0312	ND	ND
Δ8-THCB	0.0067	0.02	ND	ND
Δ8-THC-C8	0.0067	0.02	ND	ND
Δ8-ΤΗCΗ	0.0067	0.02	3.19	31.9
Δ8-ΤΗСΡ	0.0067	0.02	ND	ND
Δ9-ΤΗС	0.0076	0.0227	ND	ND
Δ9-THCB	0.0067	0.02	ND	ND
Δ9-THC-C8	0.0067	0.02	ND	ND
Δ9-ΤΗСΗ	0.0067	0.02	91.1	911
Δ9-ΤΗСΡ	0.0067	0.02	ND	ND
Δ9-ΤΗCV	0.0069	0.0206	ND	ND
Total Δ9-THC			ND	ND
Total			94.3	943

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit;  $\Delta$  = Delta; Total  $\Delta$ 9-THC =  $\Delta$ 9-THC4 \* 0.877 +  $\Delta$ 9-THC; Total CBD = CBDA \* 0.877 + CBD;

Generated By: Ryan Bellone CCO

Date: 04/30/2024

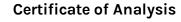
Tested By: Scott Caudill Laboratory Manager







ISO/IEC 17025:2017 Accredited Accreditation #108651





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#### D9-THCH

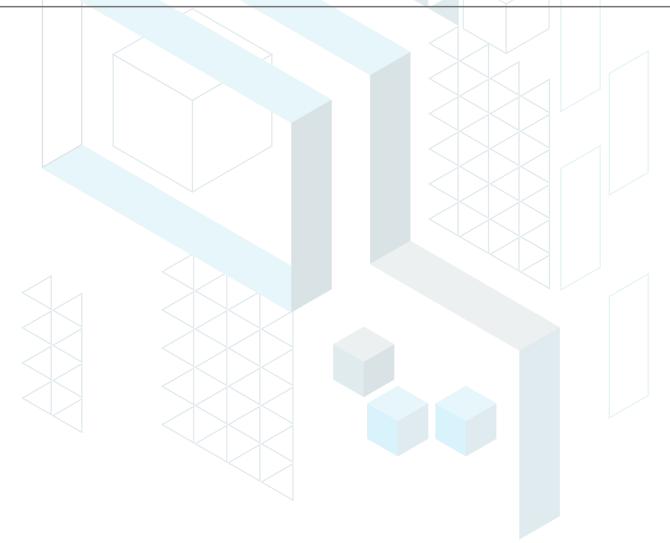
Sample ID: SA-240417-38502 Batch: ALTHCH0424 Type: In-Process Material Matrix: Concentrate - Distillate Unit Mass (g):

Received: 04/18/2024 Completed: 04/30/2024 Client Arvida Labs 1291 NW 65th PL Unit B Fort Lauderdale, FL 33309 USA

## **Heavy Metals by ICP-MS**

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)		
Arsenic	0.002	0.02	ND		
Cadmium	0.001	0.02	ND		
Lead	0.002	0.02	ND		
Mercury	0.012	0.05	ND		

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



Generated By: Ryan Bellone CCO Date: 04/30/2024

Tested By: Chris Farman Scientist Date: 04/23/2024







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#### D9-THCH

Sample ID: SA-240417-38502 Batch: ALTHCH0424 Type: In-Process Material Matrix: Concentrate - Distillate Unit Mass (g):

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Arvida Labs
1291 NW 65th PL Unit B
Fort Lauderdale, FL 33309

# Pesticides by LC-MS/MS

	LOD LOQ		Decule	Result	LOD	Decula	
Analyte	(ppb)	(ppb)	(ppb)	Analyte	(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	Mevinphos	30	100	ND
Carbaryl	30	100	ND	Myclobutanil	30	100	ND
Carbofuran	30	100	ND	Naled	30	100	ND
Chloranthraniliprole	30	100	ND	Oxamyl	30	100	ND
Chlorfenapyr	30	100	ND	Paclobutrazol	30	100	ND
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
Daminozide	30	100	ND	Propiconazole	30	100	ND
Diazinon	30	100	ND	Propoxur	30	100	ND
Dichlorvos	30	100	ND	Pyrethrins	30	100	ND
Dimethoate	30	100	ND	Pyridaben	30	100	ND
Dimethomorph	30	100	ND	Spinetoram	30	100	ND
Ethoprophos	30	100	ND	Spinosad	30	100	ND
Etofenprox	30	100	ND	Spiromesifen	30	100	ND
Etoxazole	30	100	ND	Spirotetramat	30	100	ND
Fenhexamid	30	100	ND	Spiroxamine	30	100	ND
Fenoxycarb	30	100	ND	Tebuconazole	30	100	ND
Fenpyroximate	30	100	ND	Thiacloprid	30	100	ND
Fipronil	30	100	ND	Thiamethoxam	30	100	ND
Flonicamid	30	100	ND	Trifloxystrobin	30	100	ND
Fludioxonil	30	100	ND				

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

Generated By: Ryan Bellone CCO

Date: 04/30/2024

Tested By: Anthony Mattingly Scientist Date: 04/22/2024





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#### D9-THCH

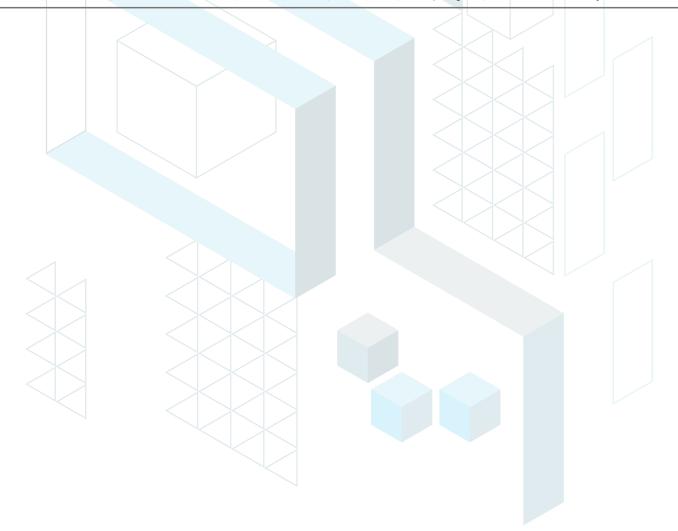
Sample ID: SA-240417-38502 Batch: ALTHCH0424 Type: In-Process Material Matrix: Concentrate - Distillate Unit Mass (g):

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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	

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



Generated By: Ryan Bellone CCO Date: 04/30/2024

Tested By: Anthony Mattingly Scientist

Date: 04/22/2024





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#### D9-THCH

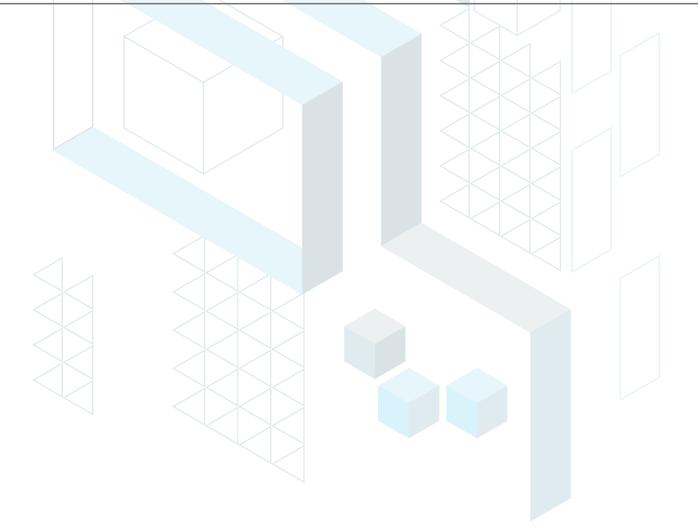
Sample ID: SA-240417-38502 Batch: ALTHCH0424 Type: In-Process Material Matrix: Concentrate - Distillate Unit Mass (g):

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# Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	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

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit

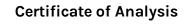


Generated By: Ryan Bellone CCO

Date: 04/30/2024

Tested By: Jade Pinkston Microbiology Technician Date: 04/23/2024







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#### D9-THCH

Sample ID: SA-240417-38502 Batch: ALTHCH0424 Type: In-Process Material Matrix: Concentrate - Distillate Unit Mass (g):

Received: 04/18/2024 Completed: 04/30/2024 Client

Arvida Labs 1291 NW 65th PL Unit B Fort Lauderdale, FL 33309

Residual Solvents by HS-GC-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	167	500	ND	Ethylene Oxide	0.5	1	ND
Acetonitrile	14	41	ND	Heptane	167	500	ND
Benzene	0.5	1	ND	n-Hexane	10	29	ND
Butane	167	500	ND	Isobutane	167	500	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	100	300	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	10	29	ND
Dimethyl Sulfoxide	167	500	ND	3-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	n-Pentane	167	500	ND
2,2-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
2,3-Dimethylbutane	10	29	ND	n-Propane	167	500	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	30	89	ND
2-Ethoxyethanol	6	16	ND	Trichloroethylene	3	8	ND
Ethyl Acetate	167	500	ND	Xylenes (o-, m-, and p-)	73	217	ND
Ethyl Ether	167	500	ND				
Ethylbenzene	3	7	ND				

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

Generated By: Ryan Bellone CCO

Tested By: Kelsey Rogers Scientist Date: 04/23/2024



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#### D9-THCH

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# **Catalyst Metals**

Analyte	Result	Unit	LOD	LOQ	
Nickel (Ni)	<loq< td=""><td>ppm</td><td>0.0167</td><td>0.05</td><td></td></loq<>	ppm	0.0167	0.05	
Palladium (Pd)	ND	ppm	0.003	0.01	
Platinum (Pt)	ND	ppm	0.003	0.01	
Rhodium (Rh)	ND	ppm	0.003	0.01	
Ruthenium (Ru)	ND	ppm	0.003	0.01	

Generated By: Ryan Bellone

CCO

Date: 04/30/2024

Tested By: Annie Velazquez Laboratory Technician Date: 04/25/2024

