

1060418-2020-TF-06-TFD-01

Sample ID: 2012KCA0759.2335

Cultivar: N/A

Matrix: Concentrates & Extracts

Type: Distillate

Sample Size:

Received: 12/07/2020

Completed: 12/16/2020

Batch#: TF-06-DIS

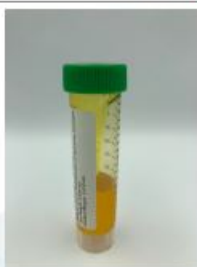
Client

Deschutes Labs

Lic.# AG-R1060418IHH Oregon

2020 NW Industrial Park Rd

Prineville, OR 97754



Summary

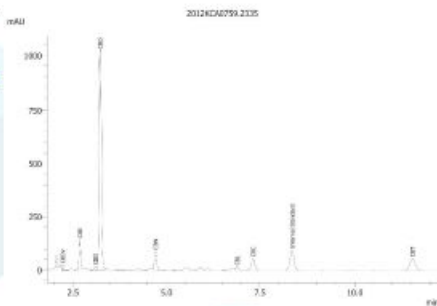
Test	Date Tested	Result
Cannabinoids	12/09/2020	Complete
Residual Solvents	12/16/2020	Complete
Pesticides	12/11/2020	Complete
Heavy Metals	12/09/2020	Complete

Cannabinoids by HPLC-PDA

Complete

ND Total THC	63.7867% Total CBD	71.1140% Total Cannabinoids	NT Not Tested Moisture Content	Not Tested Foreign Matter
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Analyte	LOD	LOQ	Result	Result
	%	%	%	mg/g
CBC	0.0095	0.0284	2.9371	29.371
CBCA	0.0181	0.0543	ND	ND
CBCV	0.0060	0.0180	ND	ND
CBD	0.0081	0.0242	63.7867	637.867
CBDa	0.0043	0.0130	ND	ND
CBDV	0.0061	0.0182	0.6696	6.696
CBDVA	0.0021	0.0063	ND	ND
CBG	0.0057	0.0172	0.6966	6.966
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0325	0.7594	7.594
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	2.2646	22.646
CBNA	0.0060	0.0181	ND	ND
Δ^8 -THC	0.0104	0.0312	ND	ND
Δ^9 -THC	0.0076	0.0227	ND	ND
THCA	0.0084	0.0251	ND	ND
THCV	0.0069	0.0206	ND	ND
THCVA	0.0062	0.0186	ND	ND
Total THC			ND	ND
Total CBD			63.7867	637.867
Total			71.1140	711.140



Total THC = THCA * 0.877 + Δ^9 -THC

Total CBD = CBDa * 0.877 + CBD

LOD = Limit of Detection

LOQ = Limit of Quantitation

ND = None Detected

For plant material, the reported result is based on a sample weight with the applicable moisture content for that sample.



Wes Rogers

Wes Rogers
Principal Scientist
12/16/2020



ISO/IEC 17025:2005 Accredited
Accreditation #190603

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Heavy Metals by ICP-MS

Complete

Analyte	LOD	LOQ	Mass
	µg/g	µg/g	µg/g
Arsenic	0.002	0.02	ND
Cadmium	0.001	0.02	ND
Lead	0.002	0.02	ND
Mercury	0.012	0.05	ND

Date Tested: 12/09/2020
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Principal Scientist
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https://kcalabs.com
KCA Lic.# P_0058

Certificate of Analysis

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Pesticides by LCMS/MS & GCMS/MS

Complete

Analyte	LOD PPM	LOQ PPM	Mass PPM	Analyte	LOD PPM	LOQ PPM	Mass PPM
Abamectin	0.001	0.005	ND	Imidacloprid	0.001	0.005	ND
Acephate	0.001	0.005	ND	Kresoxim Methyl	0.001	0.005	ND
Acetamiprid	0.001	0.005	ND	Malathion	0.001	0.005	ND
Aldicarb	0.001	0.005	ND	Metalaxyl	0.001	0.005	ND
Azoxystrobin	0.001	0.005	ND	Methiocarb	0.001	0.005	ND
Bifenazate	0.001	0.005	ND	Methomyl	0.001	0.005	ND
Bifenthrin	0.001	0.005	ND	Mevinphos	0.001	0.005	ND
Boscalid	0.001	0.005	ND	Myclobutanil	0.001	0.005	ND
Carbaryl	0.001	0.005	ND	Naled	0.001	0.005	ND
Carburean	0.001	0.005	ND	Oxamyl	0.001	0.005	ND
Chlorantraniliprole	0.001	0.005	ND	Paclbutrazol	0.001	0.005	ND
Chlordane	0.001	0.005	ND	Parathion Methyl	0.001	0.005	ND
Chlorfenapyr	0.001	0.005	ND	Pentachloronitrobenzene	0.001	0.005	ND
Daminozide	0.001	0.005	ND	Phosmet	0.001	0.005	ND
Diazinon	0.001	0.005	ND	Piperonyl Butoxide	0.001	0.005	ND
Dimethoate	0.001	0.005	ND	Propiconazole	0.001	0.005	ND
Dimethomorph	0.001	0.005	ND	Propoxur	0.001	0.005	ND
Ethoprophos	0.001	0.005	ND	Pyridaben	0.001	0.005	ND
Etofenprox	0.001	0.005	ND	Spinetoram	0.001	0.005	ND
Etoazole	0.001	0.005	ND	Spinosad	0.001	0.005	ND
Fenoxycarb	0.001	0.005	ND	Spirotetramat	0.001	0.005	ND
Fenpyroximate	0.001	0.005	ND	Spiroxamine	0.001	0.005	ND
Fipronil	0.001	0.005	ND	Tebuconazole	0.001	0.005	ND
Fonicamid	0.001	0.005	ND	Thiacloprid	0.001	0.005	ND
Fludioxonil	0.001	0.005	ND	Thiamethoxam	0.001	0.005	ND
Hexythiazox	0.001	0.005	ND	Trifloxystrobin	0.001	0.005	ND
Imazalil	0.001	0.005	ND				

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Residual Solvents by HS-GC/MS

Complete

Analyte	LOD PPM	LOQ PPM	Mass PPM	Analyte	LOD PPM	LOQ PPM	Mass PPM
Acetone	0.5	1	ND	Heptane	0.5	1	<LOQ
Acetonitrile	0.5	1	ND	Isobutane	0.5	1	ND
Benzene	0.5	1	ND	Isopropanol	0.5	1	ND
Butane	0.5	1	ND	Isopropyl-Acetate	0.5	1	ND
1-Butanol	0.5	1	ND	Methanol	0.5	1	ND
2-Butanol	0.5	1	ND	2-Methyl-Butane	0.5	1	ND
2-Butanone	0.5	1	ND	2-Methyl-Pentane	0.5	1	ND
Chloroform	0.5	1	ND	3-Methyl-Pentane	0.5	1	ND
Cumene	0.5	1	ND	Methylene-Chloride	0.5	1	ND
Cyclohexane	0.5	1	ND	N,N-Dimethyl-Acetamide	0.5	1	ND
1,2-Dichloro-Ethane	0.5	1	ND	N,N-Dimethyl-Formamide	0.5	1	ND
1,2-Dimethoxy-Ethane	0.5	1	ND	Neopentane	0.5	1	ND
2,2-Dimethyl-Butane	0.5	1	ND	1-Pentanol	0.5	1	ND
2,3-Dimethyl-Butane	0.5	1	ND	Propane	0.5	1	ND
Dimethyl sulfoxide	0.5	1	ND	1-Propanol	0.5	1	ND
1,4-Dioxane	0.5	1	ND	Pyridine	0.5	1	ND
Ethanol	0.5	1	2.465	Sulfolane	0.5	1	ND
2-Ethoxy-Ethanol	0.5	1	ND	Tetrahydrofuran	0.5	1	ND
Ethyl-Acetate	0.5	1	ND	Toluene	0.5	1	ND
Ethyl-Benzene	0.5	1	ND	Trichloroethene	0.5	1	ND
Ethyl-Ether	0.5	1	ND	Xylenes	0.5	1	ND
Ethylene glycol	0.5	1	ND	n-Hexane	0.5	1	3.549
Ethylene oxide	0.5	1	ND	n-Pentane	0.5	1	ND

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