

Leafer Group Arizona

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(818) 404-4758
Lic. #00000129ESRG43839179

Sample: 2405LVL0651.3576

Secondary License: ; Chain of Distribution:
Strain: Cookie Blend; Batch Size: g; External Batch ID: IPR.COO05072024
Sample Received: 05/09/2024; Report Created: 05/15/2024; Report Expiration: 05/15/2025
Sampling Date: 05/09/2024; Sampling Time: 7:30am; Sampling Person: Nicholas Thomson
Harvest Date: 03/12/2024; Manufacturing Date: 05/07/2024; External Lot ID:

Cookie Blend

Concentrates & Extracts, Infused/Enhanced Preroll, Butane



35.32% Total THC	ND Total CBD	40.70% Total Cannabinoids
NT Total Terpenes	Not Tested Moisture	

Cannabinoids

Complete

Analyte	LOQ	Mass	Mass	Qualifier
	%	%	mg/g	
THCa	0.414	38.886	388.86	
Δ9-THC	0.414	1.214	12.14	
Δ8-THC	0.414	ND	ND	Q3
THCVa	0.414	<LOQ	<LOQ	Q3
THCV	0.414	ND	ND	Q3
CBDa	0.414	ND	ND	
CBD	0.414	ND	ND	
CBDVa	0.414	ND	ND	Q3
CBDV	0.414	ND	ND	Q3
CBN	0.414	ND	ND	Q3
CBGa	0.414	0.598	5.98	Q3
CBG	0.414	ND	ND	Q3
CBCa	0.414	<LOQ	<LOQ	Q3
CBC	0.414	ND	ND	Q3
Total		40.698	406.98	Q3

Qualifiers:
Date Tested: 05/09/2024 07:00 am

Total THC = THCa * 0.877 + Δ9-THC
Total CBD = CBDa * 0.877 + CBD

The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Cannabinoid potency performed by HPLC-DAD per SOP-(1608). ADHS approved method for potency by HPLC-DAD for all listed analytes.

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Residual Solvents

Pass

Analyte	LOQ PPM	Limit PPM	Mass PPM	Status	Qualifier
Acetone	361.920	1000.000	ND	Pass	
Acetonitrile	147.120	410.000	ND	Pass	
Benzene	0.720	2.000	ND	Pass	
Butanes	2408.020	5000.000	ND	Pass	V1 L1 M1
Chloroform	21.670	60.000	ND	Pass	L1
Dichloromethane	220.230	600.000	ND	Pass	
Ethanol	1795.690	5000.000	ND	Pass	
Ethyl-Acetate	1797.390	5000.000	ND	Pass	
Ethyl-Ether	1790.380	5000.000	ND	Pass	
Heptane	1792.990	5000.000	ND	Pass	
Hexanes	103.360	290.000	ND	Pass	
Isopropanol	1787.270	5000.000	ND	Pass	
Isopropyl-Acetate	1790.580	5000.000	ND	Pass	
Methanol	1071.540	3000.000	ND	Pass	
Pentanes	1802.200	5000.000	ND	Pass	
Toluene	322.480	890.000	ND	Pass	L1
Xylenes	772.670	2170.000	ND	Pass	L1

LEVEL ONE

Qualifiers:
Date Tested: 05/09/2024 07:00 am

Performed by GCMS-HS per SOP-LM-014. Methods used per AZDHS R9-17-404.03 and solvent limits set by AZDHS R9-17 Table 3.1. ADHS approved method for residual solvents by GCMS-HS for all listed analytes.



Certificate of Analysis

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3 of 6

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Pesticides

Pass

Analyte	LOQ	Limit	Units	Status	Qualifier	Analyte	LOQ	Limit	Units	Status	Qualifier
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.040	0.500	ND	Pass	M2	Hexythiazox	0.050	1.000	ND	Pass	M2
Acephate	0.040	0.400	ND	Pass		Imazalil	0.050	0.200	ND	Pass	
Acetamiprid	0.050	0.200	ND	Pass		Imidacloprid	0.050	0.400	ND	Pass	
Aldicarb	0.050	0.400	ND	Pass		Kresoxim Methyl	0.040	0.400	ND	Pass	M2
Azoxystrobin	0.050	0.200	ND	Pass		Malathion	0.050	0.200	ND	Pass	M2
Bifenazate	0.050	0.200	ND	Pass	M2	Metalaxyl	0.050	0.200	ND	Pass	M2
Bifenthrin	0.050	0.200	<LOQ	Pass	M2	Methiocarb	0.040	0.200	ND	Pass	M2
Boscalid	0.040	0.400	ND	Pass		Methomyl	0.050	0.400	ND	Pass	
Carbaryl	0.050	0.200	ND	Pass		Myclobutanil	0.050	0.200	ND	Pass	
Carbofuran	0.050	0.200	ND	Pass		Naled	0.050	0.500	ND	Pass	
Chlorantraniliprole	0.050	0.200	ND	Pass		Oxamyl	0.050	1.000	ND	Pass	
Chlorfenapyr	0.470	1.000	0.710	Pass	M2	Pacllobutrazol	0.050	0.400	ND	Pass	M2
Chlorpyrifos	0.050	0.200	ND	Pass	M2	Permethrins	0.050	0.200	ND	Pass	M2
Clofentezine	0.050	0.200	ND	Pass	M2	Phosmet	0.050	0.200	ND	Pass	
Cyfluthrin	0.460	1.000	ND	Pass	M2	Piperonyl Butoxide	0.040	2.000	ND	Pass	M2
Cypermethrin	0.050	1.000	0.136	Pass	M2	Prallethrin	0.050	0.200	ND	Pass	M2
Daminozide	0.460	1.000	ND	Pass		Propiconazole	0.050	0.400	ND	Pass	M2
Dichlorvos (DDVP)	0.050	0.100	ND	Pass		Propoxur	0.050	0.200	ND	Pass	
Diazinon	0.050	0.200	ND	Pass	M2	Pyrethrins	0.470	1.000	ND	Pass	M2
Dimethoate	0.050	0.200	ND	Pass		Pyridaben	0.050	0.200	<LOQ	Pass	M2
Ethoprophos	0.050	0.200	ND	Pass	M2	Spinosad	0.050	0.200	ND	Pass	M2 V1
Etofenprox	0.050	0.400	ND	Pass	M2	Spiromesifen	0.050	0.200	0.136	Pass	M2
Etoxazole	0.050	0.200	ND	Pass	M2	Spirotetramat	0.050	0.200	ND	Pass	
Fenoxycarb	0.050	0.200	ND	Pass	M2	Spiroxamine	0.050	0.400	ND	Pass	
Fenpyroximate	0.050	0.400	ND	Pass	M2	Tebuconazole	0.050	0.400	ND	Pass	M2
Fipronil	0.050	0.400	ND	Pass		Thiacloprid	0.050	0.200	ND	Pass	
Flonicamid	0.050	1.000	ND	Pass		Thiamethoxam	0.050	0.200	ND	Pass	
Fludioxonil	0.050	0.400	ND	Pass		Trifloxystrobin	0.050	0.200	ND	Pass	M2

Herbicides

Analyte	LOQ	Limit	Units	Status
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Qualifiers:

Date Tested: 05/13/2024 07:00 am
Performed by LCMSMS per SOP-LM-021 and SOP-LM-022. ND = Not Detected; NR = Not Reported. Methods used per AZDHS R9-17-404.03 and pesticide limits set by AZDHS R9-17 Table 3.1. ADHS approved method for pesticide testing by LCMSMS for full list effective 5/1/2021.



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Mycotoxins

Pass

Total Ochratoxins Date Tested: 05/11/2024
Total Aflatoxins Date Tested: 05/11/2024

Analyte	LOQ	Limit	Units	Status	Qualifier
	µg/kg	µg/kg	µg/kg		
Total Aflatoxins (B1 B2 G1 and G2)	4.00	20.00	<LOQ	Pass	
Total Ochratoxins (A and B)	2.00	20.00	4.29	Pass	

LEVEL ONE

TNTC = Too Numerous to Count. The lower limit of quantification for Aflatoxin is 4ppb and the lower limit of quantification for Ochratoxin is 2ppb unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: direct ELISA produced by Romer Labs and read on Bio-Tek 800TS microplate reader. Procedure followed SOP-LM-018. Methods used per AZDHS R9-17-404.03 and R9-17-404.04 and limits set by AZDHS R9-17 Table 3.1. ADHS approved method.

Matthew Schuberth
Laboratory Manager



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Microbials

Pass

Analyte	Result	Result Units	Status	Qualifier
E. Coli	<10	CFU/G	Pass	
Salmonella	Not Detected	in one gram	Pass	
Aspergillus terreus	Not Detected	in one gram	Pass	
Aspergillus fumigatus, Aspergillus flavus, and Aspergillus niger	Not Detected	in one gram	Pass	



Qualifiers:
Date Tested: 05/13/2024 12:00 am

TNTC = Too Numerous to Count. The lower limit of quantification for E. coli is 10 CFU/g unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: E. coli plating via 3M Petrifilm per SOP-LM-019, Salmonella spp. And Aspergillus spp. detection by Bio-Rad CFX96 Deep Well real-time PCR per SOP-LM-016 & SOP-LM-017. Methods used per AZDHS R9-17-404.04 and microbial limits set by AZDHS R9-17 Table 3.1. ADHS approved method for microbials for all listed organisms.



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6 of 6

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Heavy Metals

Pass

Analyte	Mass PPM	Limit PPM	Status	Qualifier
Arsenic	<0.400	0.400	Pass	
Cadmium	<0.400	0.400	Pass	
Lead	<1.000	1.000	Pass	
Mercury	<0.200	0.200	Pass	V1

LEVEL ONE

Qualifiers:
Date Tested: 05/13/2024 07:00 am

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Subcontracted through IAS. Approved for all analytes by ICP-OES. Inter Ag Services Inc. Registration Certificate Identification Number: 00000009LCSL00311854



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