

PPK Investment Group dba Country Cannabis Hemp Sample: 2411OKCTL3768.39019

8178 E 44th St
Tulsa, OK 74145
joe@countrycannabis.com
(714) 782-4348
Lic. #

Strain: GRATEFUL GRAPE
Batch#: HAPG111124; Batch Size: g; External Lot ID:
Sample Received: 11/12/2024; Report Created: 11/18/2024

Sample Weight: 1 units

HAPPIE SODA

Ingestible, Beverage;
Harvest Process Lot:

To verify authenticity of this report please scan the QR code to see the original certificate of analysis data.



Summary

Test	Result
Cannabinoids	Complete
Terpenes	Complete
Residual Solvents	Pass
Microbials	Pass
Mycotoxins	Pass
Pesticides	Pass
Heavy Metals	Pass
Foreign Matter	Pass

Terpenes

Date Tested: 11/13/2024

Instrument: GC-MS
Analyst: MP

Analyte	Reporting Limit	Mass	Analyte	Reporting Limit	Mass
	%	%		%	%
3-Carene	0.040	ND	γ-Terpinene	0.040	ND
α-Bisabolol	0.040	ND	Geraniol	0.040	ND
α-Humulene	0.040	ND	Limonene	0.040	ND
α-Pinene	0.040	ND	Linalool	0.040	ND
α-Terpinene	0.040	ND	Nerolidol	0.040	ND
β-Caryophyllene	0.040	ND	(-)-Guaiol	0.040	ND
β-Myrcene	0.040	ND	(-)-Isopulegol	0.040	ND
β-Pinene	0.040	ND	Phytol	0.040	ND
Camphene	0.040	ND	p-Cymene	0.040	ND
Caryophyllene Oxide	0.040	ND	Terpinolene	0.040	ND
cis-Ocimene	0.040	ND	trans-Ocimene	0.040	ND
Eucalyptol	0.040	ND	Total		0.000

Cannabinoids

Instrument: HPLC
Analyst: MP

Date Tested: 11/13/2024

5.45 mg/unit Total THC	4.29 mg/unit Total CBD	11.61 mg/unit Total Cannabinoids
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Analyte	Reporting Limit	Mass	Mass
	mg/unit	mg/unit	mg/g
CBC	1.77	ND	ND
CBD	1.77	4.29	0.01
CBDa	1.77	ND	ND
CBDV	1.77	ND	ND
CBG	1.77	1.87	0.01
CBGa	1.77	ND	ND
CBN	1.77	ND	ND
Δ8-THC	1.77	ND	ND
Δ9-THC	1.77	5.45	0.02
THCa	1.77	ND	ND
THCV	1.77	ND	ND
THCVa	1.77	ND	ND
Total		11.61	0.03

1 Unit = 355.00g
Total THC = THCa * 0.877 + d9-THC; Total CBD = CBDa * 0.877 + CBD 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. SOP.00003 Potency, HPLC/DAD

NT
Not Tested
Moisture

NT
Not Tested
Water Activity

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. SOP.00006 Terpenes, GC-MS
Notes:

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NT Not Tested	NT Not Tested	
Moisture	Water Activity	

Microbials		Instrument: qPCR/Plating	Analyst: JW	Pass
Date Tested: 11/12/2024				
Analyte	Limit	Mass	Status	
	CFU/g	CFU/g		
Aspergillus flavus		Absent	Pass	
Aspergillus fumigatus		Absent	Pass	
Aspergillus niger		Absent	Pass	
Aspergillus terreus		Absent	Pass	
Salmonella		Absent	Pass	
Shiga Toxin E. Coli	1	ND	Pass	
Yeast & Mold	10000	ND	Pass	

Pesticides		Instrument: LC-MS/MS	Analyst: KW	Pass
Date Tested: 11/14/2024				
Analyte	Reporting Limit	Limit	Mass	Status
	PPM	PPM	PPM	
Abamectin	0.250	0.500	ND	Pass
Azoxystrobin	0.100	0.200	ND	Pass
Bifenazate	0.100	0.200	ND	Pass
Etoazole	0.100	0.200	ND	Pass
Imazalil	0.100	0.200	ND	Pass
Imidacloprid	0.200	0.400	ND	Pass
Malathion	0.100	0.200	ND	Pass
Myclobutanil	0.100	0.200	ND	Pass
Permethrins		0.200	ND	Pass
Spinosad		0.200	ND	Pass
Spiromesifen	0.100	0.200	ND	Pass
Spirotetramat	0.100	0.200	ND	Pass
Tebuconazole	0.200	0.400	ND	Pass

Residual Solvents		Instrument: GC/FID	Analyst: MP	Pass			
Date Tested: 11/13/2024							
Analyte	Reporting Limit	Limit	Mass Status	Analyte	Reporting Limit	Limit	Mass Status
	PPM	PPM	PPM			PPM	PPM
Acetone	50.0	1000.0	ND Pass	Methanol	300.0	600.0	ND Pass
Benzene	1.0	2.0	ND Pass	n-Hexane	30.0	60.0	ND Pass
Butanes	500.0	1000.0	ND Pass	o-Xylene	25.0		ND Tested
Ethanol	2500.0		<LOQ Tested	Pentane	500.0	1000.0	ND Pass
Ethyl-Acetate	500.0	1000.0	ND Pass	Propane	500.0	1000.0	ND Pass
Heptanes	500.0	1000.0	ND Pass	Toluene	90.0	180.0	ND Pass
Isopropanol	500.0	1000.0	<LOQ Pass	Xylenes	215.0	430.0	ND Pass
m+p Xylene	25.0		ND Tested				

LOQ = Limit of Quantitation; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. SOP:00010 Pesticide and Mycotoxins, LC-MSMS

SOP:00008 Residual Solvents, GC-FID (Quantitative)/GC-MS (Qualitative). SOP:00030 Residual Solvent MSD, GC-MS

Heavy Metals		Instrument: ICP-MS	Analyst: NH	Pass
Date Tested: 11/13/2024				
Analyte	Reporting Limit	Limit	Mass	Status
	PPM	PPM	PPM	
Arsenic	0.100	1.500	ND	Pass
Cadmium	0.100	0.500	ND	Pass
Lead	0.250	1.000	ND	Pass
Mercury	0.050	1.500	ND	Pass

Update Metals footnote: LOQ = Limit of Quantitation; ND=Not detected; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. SOP:00001 Heavy Metals, ICP-MS

Mycotoxins		Instrument: LC-MS/MS	Analyst: KW	Pass
Date Tested: 11/14/2024				
Analyte	Reporting Limit	Limit	Mass	Status
	PPB	PPB	PPB	
Aflatoxins	10.000	20.000	ND	Pass
B1			ND	Tested
B2			ND	Tested
G1			ND	Tested
G2			ND	Tested
Ochratoxin A	10.000	20.000	ND	Pass

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3158 S 108th E Ave Suite 290
Tulsa, OK
(918) 872-7015
http://www.okctl.com
Lic# LAAA-N1FX-P5VY



C. Alleman
Cole Alleman
Medical Lab Director



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coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com

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