

## PPK INVESTMENT GROUP

1704 E Rock Island Ave  
Wilburton, OK 74578  
joe@countrycannabis.com  
(714) 782-4348  
Lic. #PAAA-V11K-GEG8

Sample: 2411OKCTL3732.38735

Strain: GROOVY GRAPEFRUIT  
Batch#: HAPGF11524; Batch Size: g; External Lot ID:  
Sample Received: 11/08/2024; Report Created: 11/12/2024

Sample Weight: 1 units

## HAPPIE

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: 11/11/2024

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	<b>Total</b>		<b>0.000</b>

### Cannabinoids

Instrument: HPLC  
Analyst: MP

Date Tested: 11/11/2024

<b>5.25 mg/unit</b> Total THC	<b>4.70 mg/unit</b> Total CBD	<b>9.94 mg/unit</b> 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	4.70	0.01
CBDa	1.77	ND	ND
CBDV	1.77	ND	ND
CBG	1.77	ND	ND
CBGa	1.77	ND	ND
CBN	1.77	ND	ND
Δ8-THC	1.77	ND	ND
Δ9-THC	1.77	5.25	0.01
THCa	1.77	ND	ND
THCV	1.77	ND	ND
THCVa	1.77	ND	ND
<b>Total</b>		<b>9.94</b>	<b>0.03</b>

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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<b>NT</b> Not Tested	<b>NT</b> Not Tested	
Moisture	Water Activity	

**Microbials** Instrument: qPCR/Plating Analyst: JW **Pass**  
Date Tested: 11/08/2024

Analyte	Limit CFU/g	Mass CFU/g	Status
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: 11/11/2024

Analyte	Reporting Limit PPM	Limit PPM	Mass PPM	Status
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: 11/11/2024

Analyte	Reporting Limit PPM	Limit PPM	Mass Status PPM	Analyte	Reporting Limit PPM	Limit PPM	Mass Status 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	ND 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-MS/MS

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: 11/11/2024

Analyte	Reporting Limit PPM	Limit PPM	Mass PPM	Status
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

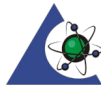
Update Metals footnote: LOQ = Limit of Quantitation; ND=Not detected; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. SOP:00001 Heavy Metals, ICP-MS

**Mycotoxins** Instrument: LC-MS/MS Analyst: KW **Pass**  
Date Tested: 11/11/2024

Analyte	Reporting Limit PPB	Limit PPB	Mass PPB	Status
Aflatoxins B1	10.000	20.000	ND	Pass
B2			ND	Tested
G1			ND	Tested
G2			ND	Tested
Ochratoxin A	10.000	20.000	ND	Pass

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ISO/IEC 17025:2017  
Accreditation No.: 108270

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