EA Sample ID: 23EA0516-001

Sample Name: Liquid Diamonds - Pineapple Express - 2g

Sample Type: Concentrate

Batch/Lot: PE412 Reference #: Date Received: 05/09/2023 Date Completed: 05/16/2023



## **CERTIFICATE OF ANALYSIS**

## **Summary of Results**

<u>SOP</u>	<b>Date Tested</b>	<u>Status</u>
EA-SOP-POTENCY	05/16/2023	Complete
EA-SOP-HM	05/13/2023	Pass
EA-SOP-ARIA	05/13/2023	Pass
EA-SOP-MYCO	05/15/2023	Pass
EA-SOP-RES	05/15/2023	Pass
EA-SOP-PEST	05/15/2023	Pass
	EA-SOP-POTENCY EA-SOP-HM EA-SOP-ARIA EA-SOP-MYCO EA-SOP-RES	EA-SOP-POTENCY 05/16/2023  EA-SOP-HM 05/13/2023  EA-SOP-ARIA 05/13/2023  EA-SOP-MYCO 05/15/2023  EA-SOP-RES 05/15/2023



Unit Size (g): 2

#### POTENCY CANNABINOID PROFILE

Total THC
THCA \* 0.877 + D9-THC

<LOQ

Total CBD

CBDA \* 0.877 + CBD

<LOQ

<u>Analyte</u>	Result (mg/g)	mg/unit	<u>w/w %</u>	LOQ (ppm)	LOD (ppm)
CANNABIDIVARIN (CBDV)	<loq< td=""><td><loq< td=""><td><loq< td=""><td>100</td><td>30</td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td>100</td><td>30</td></loq<></td></loq<>	<loq< td=""><td>100</td><td>30</td></loq<>	100	30
CANNABICHROMENE (CBC)	<loq< td=""><td><l0q< td=""><td><l0q< td=""><td>100</td><td>30</td></l0q<></td></l0q<></td></loq<>	<l0q< td=""><td><l0q< td=""><td>100</td><td>30</td></l0q<></td></l0q<>	<l0q< td=""><td>100</td><td>30</td></l0q<>	100	30
CANNABIGEROL (CBG)	<loq< td=""><td><loq< td=""><td><loq< td=""><td>100</td><td>30</td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td>100</td><td>30</td></loq<></td></loq<>	<loq< td=""><td>100</td><td>30</td></loq<>	100	30
CANNABINOL (CBN)	<loq< td=""><td><loq< td=""><td><loq< td=""><td>100</td><td>30</td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td>100</td><td>30</td></loq<></td></loq<>	<loq< td=""><td>100</td><td>30</td></loq<>	100	30
CANNABIDIOL (CBD)	<loq< td=""><td><loq< td=""><td><loq< td=""><td>100</td><td>30</td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td>100</td><td>30</td></loq<></td></loq<>	<loq< td=""><td>100</td><td>30</td></loq<>	100	30
CANNABIDIOLIC ACID (CBDA)	ND	ND	ND	100	30
Δ9-TETRAHYDROCANNABINOLIC ACID (THCA)	ND	ND	ND	100	30
Δ9-TETRAHYDROCANNABINOL (D9-THC)	<loq< td=""><td><loq< td=""><td><loq< td=""><td>100</td><td>30</td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td>100</td><td>30</td></loq<></td></loq<>	<loq< td=""><td>100</td><td>30</td></loq<>	100	30
Δ8-TETRAHYDROCANNABINOL (D8-THC)	648.76	1297.52	64.88	100	30
9R-HEXAHYDROCANNABINOL (9R-HHC)	39.15	78.29	3.91	100	30
9S-HEXAHYDROCANNABINOL (9S-HHC)	226.34	452.68	22.63	100	30
R-Δ10-TETRAHYDROCANNABINOL (D10-THC)	22.39	44.77	2.24	100	30
S-Δ10-TETRAHYDROCANNABINOL (D10-THC)	5.56	11.12	0.56	100	30
Δ9-TETRAHYDROCANNABIPHOROL (D9-THCP)	27.19	54.37	2.72	100	30
NOTEC					

NOTES:

ND = NOT DETECTED; LOD = LIMIT OF DETECTION; LOQ = LIMIT OF QUANTIFICATION

The cannabinoid potency reported above was analyzed via High Performance Liquid Chromatography (HPLC) using Variable Wavelength Detection (VWD).



Ethos Analytics Laboratory 3020 E Camelback Rd STE 397 Phoenix, AZ 85016 Info@Ethosanalytics.io www.Ethosanalytics.io Lic #: 000026LRCND60176649 ISO/IEC 17025 Acc #: 117798

Noel Samsum Laboratory Director 16-May-2023

The sample analyzed was inspected and is free from visual mold, mildew, and foreign matter. The testing procedures, equipment calibration, and maintenance are all in accordance with ISO/IEC 17025:2017 standards. The presented report is only applicable to the sample specified above and may not be applied to any similar or identical products. Reports are prohibited from being reproduced with alterations of any kind.

EA Sample ID: 23EA0516-001
Sample Name: Liquid Diamonds - Pineapple Express - 2g
Sample Type: Concentrate

Sample Type: Concentrate Date Completed:
Batch/Lot: PE412 05/16/2023
Reference #:



Date Received:

05/09/2023

## **CERTIFICATE OF ANALYSIS**

## **Heavy Metal Analysis**

<u>Analyte</u>	Result (ppm)	LOQ (ppm)	LOD (ppm)	Limit (ppm)	Pass/Fail
Arsenic	<lod< th=""><th>0.010</th><th>0.005</th><th>1.5</th><th>Pass</th></lod<>	0.010	0.005	1.5	Pass
Cadmium	<lod< th=""><th>0.010</th><th>0.005</th><th>0.5</th><th>Pass</th></lod<>	0.010	0.005	0.5	Pass
Lead	<loq< th=""><th>0.010</th><th>0.005</th><th>0.5</th><th>Pass</th></loq<>	0.010	0.005	0.5	Pass
Mercury	<lod< th=""><th>0.010</th><th>0.005</th><th>3.0</th><th>Pass</th></lod<>	0.010	0.005	3.0	Pass

#### **Microbiological Analysis**

<u>Microbe</u>	<u>Result</u>	<u>Limit</u>	Pass/Fail
Aspergillus Flavus	Negative/1g	Negative/1g	Pass
Aspergillus Fumigatus	Negative/1g	Negative/1g	Pass
Aspergillus Niger	Negative/1g	Negative/1g	Pass
Aspergillus Terreus	Negative/1g	Negative/1g	Pass
Escherichia Coli (E. Coli)	Negative/1g	Negative/1g	Pass
Salmonella	Negative/1g	Negative/1g	Pass
Yeast/Mold	Not Detected	-	Pass

NOTES:

CFU = Colony Forming Unit

NS = Not Specified NT = Not Tested LOQ = Limit of Quantification LOD = Limit of Detection



Ethos Analytics Laboratory 3020 E Camelback Rd STE 397 Phoenix, AZ 85016 Info@Ethosanalytics.io www.Ethosanalytics.io Lic #: 000026LRCND60176649 ISO/IEC 17025 Acc #: 117798

Noel Samsum Laboratory Director 16-May-2023

EA Sample ID: 23EA0516-001 Sample Name: Liquid Diamonds - Pineapple Express - 2g Sample Type: Concentrate

Batch/Lot: PE412 Reference #: Date Received: 05/09/2023 Date Completed: 05/16/2023



# **CERTIFICATE OF ANALYSIS**

#### **Mycotoxins**

<u>Analyte</u>	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Pass/Fail
Aflatoxin B1	<lod< th=""><th>3.0</th><th>9.0</th><th>-</th><th>-</th></lod<>	3.0	9.0	-	-
Aflatoxin B2	<lod< th=""><th>2.0</th><th>9.0</th><th>-</th><th>-</th></lod<>	2.0	9.0	-	-
Aflatoxin G1	<lod< th=""><th>3.0</th><th>9.0</th><th>-</th><th>-</th></lod<>	3.0	9.0	-	-
Aflatoxin G2	<lod< th=""><th>2.0</th><th>6.0</th><th>-</th><th>-</th></lod<>	2.0	6.0	-	-
Ochratoxin A	<lod< th=""><th>4.0</th><th>12.0</th><th>20</th><th>Pass</th></lod<>	4.0	12.0	20	Pass
Total Aflatoxins	<lod< th=""><th></th><th></th><th>20</th><th>Pass</th></lod<>			20	Pass

## **Residual Solvent Analysis**

<u>Analyte</u>	Result (ppm)	LOD (ppm)	LOQ (ppm)	<u>Limit (ppm)</u>	Pass/Fail
1,2-Dichloro-Ethane	<lod< td=""><td>0.10</td><td>0.30</td><td>1</td><td>Pass</td></lod<>	0.10	0.30	1	Pass
Benzene	<lod< td=""><td>0.03</td><td>0.10</td><td>1</td><td>Pass</td></lod<>	0.03	0.10	1	Pass
Chloroform	<lod< td=""><td>0.03</td><td>0.10</td><td>1</td><td>Pass</td></lod<>	0.03	0.10	1	Pass
Ethylene Oxide	<lod< td=""><td>0.20</td><td>0.60</td><td>1</td><td>Pass</td></lod<>	0.20	0.60	1	Pass
Methylene-Chloride	<lod< td=""><td>0.10</td><td>0.80</td><td>1</td><td>Pass</td></lod<>	0.10	0.80	1	Pass
Trichloroethene	<lod< td=""><td>0.03</td><td>0.20</td><td>1</td><td>Pass</td></lod<>	0.03	0.20	1	Pass
Acetone	<lod< td=""><td>1</td><td>60</td><td>5000</td><td>Pass</td></lod<>	1	60	5000	Pass
Acetonitrile	<lod< td=""><td>1</td><td>5</td><td>410</td><td>Pass</td></lod<>	1	5	410	Pass
Butane	<lod< td=""><td>1</td><td>5</td><td>5000</td><td>Pass</td></lod<>	1	5	5000	Pass
Ethanol	<lod< td=""><td>3</td><td>10</td><td>5000</td><td>Pass</td></lod<>	3	10	5000	Pass
Ethyl-Acetate	<lod< td=""><td>1</td><td>5</td><td>5000</td><td>Pass</td></lod<>	1	5	5000	Pass
Ethyl-Ether	<lod< td=""><td>1</td><td>5</td><td>5000</td><td>Pass</td></lod<>	1	5	5000	Pass
Heptane	<lod< td=""><td>1</td><td>5</td><td>5000</td><td>Pass</td></lod<>	1	5	5000	Pass
n-Hexane	<lod< td=""><td>1</td><td>5</td><td>290</td><td>Pass</td></lod<>	1	5	290	Pass
Isopropanol	<lod< td=""><td>1</td><td>5</td><td>5000</td><td>Pass</td></lod<>	1	5	5000	Pass
Methanol	<lod< td=""><td>1</td><td>5</td><td>3000</td><td>Pass</td></lod<>	1	5	3000	Pass
Pentane	<lod< td=""><td>2</td><td>5</td><td>5000</td><td>Pass</td></lod<>	2	5	5000	Pass
Propane	<lod< td=""><td>5</td><td>10</td><td>5000</td><td>Pass</td></lod<>	5	10	5000	Pass
Toluene	<lod< td=""><td>1</td><td>5</td><td>890</td><td>Pass</td></lod<>	1	5	890	Pass
Xylenes	<lod< td=""><td>1</td><td>5</td><td>2170</td><td>Pass</td></lod<>	1	5	2170	Pass



Ethos Analytics Laboratory 3020 E Camelback Rd STE 397 Phoenix, AZ 85016 Info@Ethosanalytics.io www.Ethosanalytics.io Lic #: 000026LRCND60176649 ISO/IEC 17025 Acc #: 117798

Noel Samsum Laboratory Director 16-May-2023

EA Sample ID: 23EA0516-001 Sample Name: Liquid Diamonds - Pineapple Express - 2g Sample Type: Concentrate Batch/Lot: PE412

05/09/2023 Date Completed: 05/16/2023

Date Received:



# **CERTIFICATE OF ANALYSIS**

Reference #:

# **Category 1 Pesticide Analysis**

Analyte_	Result (ppm)	LOD (ppm)	LOQ (ppm)	Pass/Fail
		LOD (ppiii)	LOQ (ppiii)	Pass/Fall
Aldicarb	<lod< td=""><td>0.025</td><td>0.075</td><td>Pass</td></lod<>	0.025	0.075	Pass
Carbofuran	<lod< td=""><td>0.025</td><td>0.075</td><td>Pass</td></lod<>	0.025	0.075	Pass
Chlordane	<lod< td=""><td>0.025</td><td>0.075</td><td>Pass</td></lod<>	0.025	0.075	Pass
Chlorfenapyr	<lod< td=""><td>0.025</td><td>0.075</td><td>Pass</td></lod<>	0.025	0.075	Pass
Chlorpyrifos	<lod< td=""><td>0.025</td><td>0.075</td><td>Pass</td></lod<>	0.025	0.075	Pass
Coumaphos	<lod< td=""><td>0.025</td><td>0.075</td><td>Pass</td></lod<>	0.025	0.075	Pass
Daminozide	<lod< td=""><td>0.030</td><td>0.080</td><td>Pass</td></lod<>	0.030	0.080	Pass
Dichlorvos	<lod< td=""><td>0.025</td><td>0.075</td><td>Pass</td></lod<>	0.025	0.075	Pass
Dimethoate	<lod< td=""><td>0.025</td><td>0.075</td><td>Pass</td></lod<>	0.025	0.075	Pass
Ethoprophos	<lod< td=""><td>0.025</td><td>0.075</td><td>Pass</td></lod<>	0.025	0.075	Pass
Etofenprox	<lod< td=""><td>0.025</td><td>0.075</td><td>Pass</td></lod<>	0.025	0.075	Pass
Fenoxycarb	<lod< td=""><td>0.025</td><td>0.075</td><td>Pass</td></lod<>	0.025	0.075	Pass
Fipronil	<lod< td=""><td>0.025</td><td>0.075</td><td>Pass</td></lod<>	0.025	0.075	Pass
Imazalil	<lod< td=""><td>0.025</td><td>0.075</td><td>Pass</td></lod<>	0.025	0.075	Pass
Methiocarb	<lod< td=""><td>0.025</td><td>0.075</td><td>Pass</td></lod<>	0.025	0.075	Pass
Mevinphos	<lod< td=""><td>0.025</td><td>0.075</td><td>Pass</td></lod<>	0.025	0.075	Pass
Paclobutrazol	<lod< td=""><td>0.025</td><td>0.075</td><td>Pass</td></lod<>	0.025	0.075	Pass
Parathion Methyl	<lod< td=""><td>0.025</td><td>0.075</td><td>Pass</td></lod<>	0.025	0.075	Pass
Propoxur	<lod< td=""><td>0.025</td><td>0.075</td><td>Pass</td></lod<>	0.025	0.075	Pass
Spiroxamine	<lod< td=""><td>0.025</td><td>0.075</td><td>Pass</td></lod<>	0.025	0.075	Pass
Thiacloprid	<lod< td=""><td>0.025</td><td>0.075</td><td>Pass</td></lod<>	0.025	0.075	Pass



**Ethos Analytics Laboratory** 3020 E Camelback Rd STE 397 Phoenix, AZ 85016 Info@Ethosanalytics.io www.Ethosanalytics.io

**Noel Samsum** 

EA Sample ID: 23EA0516-001 Sample Name: Liquid Diamonds - Pineapple Express - 2g Sample Type: Concentrate

Batch/Lot: PE412 Reference #:

Date Received: 05/09/2023 Date Completed: 05/16/2023



# **CERTIFICATE OF ANALYSIS**

# **Category 2 Pesticide Analysis**

<u>Analyte</u>	Result (ppm)	LOD (ppm)	LOQ (ppm)	<u>Limit (ppm)</u>	Pass/Fail
Abamectin	<lod< td=""><td>0.010</td><td>0.050</td><td>0.3</td><td>Pass</td></lod<>	0.010	0.050	0.3	Pass
Acephate	<lod< td=""><td>0.020</td><td>0.050</td><td>5</td><td>Pass</td></lod<>	0.020	0.050	5	Pass
Acequinocyl	<lod< td=""><td>0.020</td><td>0.075</td><td>4</td><td>Pass</td></lod<>	0.020	0.075	4	Pass
Acetamiprid	<lod< td=""><td>0.020</td><td>0.050</td><td>5</td><td>Pass</td></lod<>	0.020	0.050	5	Pass
Azoxystrobin	<lod< td=""><td>0.010</td><td>0.050</td><td>40</td><td>Pass</td></lod<>	0.010	0.050	40	Pass
Bifenazate	<lod< td=""><td>0.020</td><td>0.050</td><td>5</td><td>Pass</td></lod<>	0.020	0.050	5	Pass
Bifenthrin	<lod< td=""><td>0.020</td><td>0.050</td><td>0.5</td><td>Pass</td></lod<>	0.020	0.050	0.5	Pass
Boscalid	<lod< td=""><td>0.020</td><td>0.075</td><td>10</td><td>Pass</td></lod<>	0.020	0.075	10	Pass
Captan	<lod< td=""><td>0.150</td><td>0.400</td><td>5</td><td>Pass</td></lod<>	0.150	0.400	5	Pass
Carbaryl	<lod< td=""><td>0.020</td><td>0.050</td><td>0.5</td><td>Pass</td></lod<>	0.020	0.050	0.5	Pass
Chlorantraniliprole	<lod< td=""><td>0.025</td><td>0.075</td><td>40</td><td>Pass</td></lod<>	0.025	0.075	40	Pass
Clofentezine	<lod< td=""><td>0.020</td><td>0.050</td><td>0.5</td><td>Pass</td></lod<>	0.020	0.050	0.5	Pass
Cyfluthrin	<lod< td=""><td>0.020</td><td>0.075</td><td>1</td><td>Pass</td></lod<>	0.020	0.075	1	Pass
Cypermethrin	<lod< td=""><td>0.020</td><td>0.050</td><td>1</td><td>Pass</td></lod<>	0.020	0.050	1	Pass
Diazinon	<lod< td=""><td>0.010</td><td>0.050</td><td>0.2</td><td>Pass</td></lod<>	0.010	0.050	0.2	Pass
Dimethomorph	<lod< td=""><td>0.020</td><td>0.050</td><td>20</td><td>Pass</td></lod<>	0.020	0.050	20	Pass
Etoxazole	<lod< td=""><td>0.010</td><td>0.050</td><td>1.5</td><td>Pass</td></lod<>	0.010	0.050	1.5	Pass
Fenhexamid	<lod< td=""><td>0.020</td><td>0.050</td><td>10</td><td>Pass</td></lod<>	0.020	0.050	10	Pass
Fenpyroximate	<lod< td=""><td>0.010</td><td>0.050</td><td>2</td><td>Pass</td></lod<>	0.010	0.050	2	Pass
Flonicamid	<lod< td=""><td>0.030</td><td>0.090</td><td>2</td><td>Pass</td></lod<>	0.030	0.090	2	Pass
Fludioxonil	<lod< td=""><td>0.020</td><td>0.050</td><td>30</td><td>Pass</td></lod<>	0.020	0.050	30	Pass
Hexythiazox	<lod< td=""><td>0.030</td><td>0.090</td><td>2</td><td>Pass</td></lod<>	0.030	0.090	2	Pass
Imidacloprid	<lod< td=""><td>0.030</td><td>0.075</td><td>3</td><td>Pass</td></lod<>	0.030	0.075	3	Pass



**Ethos Analytics Laboratory** 3020 E Camelback Rd STE 397 Phoenix, AZ 85016 Info@Ethosanalytics.io www.Ethosanalytics.io Lic #: 000026LRCND60176649 ISO/IEC 17025 Acc #: 117798

**Noel Samsum Laboratory Director** 

EA Sample ID: 23EA0516-001 Sample Name: Liquid Diamonds - Pineapple Express - 2g Sample Type: Concentrate

Batch/Lot: PE412 Reference #: Date Received: 05/09/2023
Date Completed: 05/16/2023



## **CERTIFICATE OF ANALYSIS**

## **Category 2 Pesticide Analysis Continued**

<u>Analyte</u>	Result (ppm)	LOD (ppm)	LOQ (ppm)	<u>Limit (ppm)</u>	Pass/Fail
Kresoxim Methyl	<lod< td=""><td>0.020</td><td>0.050</td><td>1</td><td>Pass</td></lod<>	0.020	0.050	1	Pass
Malathion	<lod< th=""><th>0.020</th><th>0.050</th><th>5</th><th>Pass</th></lod<>	0.020	0.050	5	Pass
Metalaxyl	<lod< th=""><th>0.010</th><th>0.050</th><th>15</th><th>Pass</th></lod<>	0.010	0.050	15	Pass
Methomyl	<lod< td=""><td>0.020</td><td>0.050</td><td>0.1</td><td>Pass</td></lod<>	0.020	0.050	0.1	Pass
Myclobutanil	<lod< th=""><th>0.020</th><th>0.075</th><th>9</th><th>Pass</th></lod<>	0.020	0.075	9	Pass
Naled	<lod< td=""><td>0.020</td><td>0.075</td><td>0.5</td><td>Pass</td></lod<>	0.020	0.075	0.5	Pass
Oxamyl	<lod< td=""><td>0.020</td><td>0.050</td><td>0.3</td><td>Pass</td></lod<>	0.020	0.050	0.3	Pass
Pentachloronitrobenzene	<lod< td=""><td>0.020</td><td>0.075</td><td>0.2</td><td>Pass</td></lod<>	0.020	0.075	0.2	Pass
Permethrin	<lod< td=""><td>0.010</td><td>0.050</td><td>20</td><td>Pass</td></lod<>	0.010	0.050	20	Pass
Phosmet	<lod< td=""><td>0.020</td><td>0.050</td><td>0.2</td><td>Pass</td></lod<>	0.020	0.050	0.2	Pass
Piperonyl Butoxide	<lod< td=""><td>0.010</td><td>0.050</td><td>8</td><td>Pass</td></lod<>	0.010	0.050	8	Pass
Prallethrin	<lod< td=""><td>0.025</td><td>0.075</td><td>0.4</td><td>Pass</td></lod<>	0.025	0.075	0.4	Pass
Propiconazole	<lod< td=""><td>0.020</td><td>0.075</td><td>20</td><td>Pass</td></lod<>	0.020	0.075	20	Pass
Pyrethrins	<lod< td=""><td>0.010</td><td>0.050</td><td>1</td><td>Pass</td></lod<>	0.010	0.050	1	Pass
Pyridaben	<lod< td=""><td>0.020</td><td>0.050</td><td>3</td><td>Pass</td></lod<>	0.020	0.050	3	Pass
Spinetoram	<lod< td=""><td>0.010</td><td>0.050</td><td>3</td><td>Pass</td></lod<>	0.010	0.050	3	Pass
Spinosad	<lod< td=""><td>0.010</td><td>0.050</td><td>3</td><td>Pass</td></lod<>	0.010	0.050	3	Pass
Spiromesifen	<lod< td=""><td>0.020</td><td>0.050</td><td>12</td><td>Pass</td></lod<>	0.020	0.050	12	Pass
Spirotetramat	<lod< td=""><td>0.020</td><td>0.050</td><td>13</td><td>Pass</td></lod<>	0.020	0.050	13	Pass
Tebuconazole	<lod< td=""><td>0.020</td><td>0.050</td><td>2</td><td>Pass</td></lod<>	0.020	0.050	2	Pass
Thiamethoxam	<lod< th=""><th>0.020</th><th>0.075</th><th>4.5</th><th>Pass</th></lod<>	0.020	0.075	4.5	Pass
Trifloxystrobin	<lod< td=""><td>0.010</td><td>0.050</td><td>30</td><td>Pass</td></lod<>	0.010	0.050	30	Pass



Ethos Analytics Laboratory 3020 E Camelback Rd STE 397 Phoenix, AZ 85016 Info@Ethosanalytics.io www.Ethosanalytics.io Lic #: 000026LRCND60176649 ISO/IEC 17025 Acc #: 117798

Noel Samsum Laboratory Director 16-May-2023