10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
**DEA Number:** RK0595249

**Kaycha Labs**

Delta 9 Reefies Peanut Budder Cup
N/A
Matrix: Edible

# Certificate of Analysis

**Sample:KN20525003-005 Harvest/**
**Lot ID: 13000**
**Batch#:** E-D9-RPBC-60622
**Seed to Sale#** N/A
**Batch Date:** 06/06/22
**Sample Size Received:** 28 gram
**Total Weight/Volume:** N/A
**Retail Product Size:** 56 gram **ordered** : 05/10/22
**sampled** : 06/10/22
**Completed:** 06/20/22
**Sampling Method:** SOP Client Method

Jun 01, 2022 | Utoya Organics LLC.
1646 Tilley Ave
Clearwater, FL, 33756, US

**PASSED**



**PRODUCT IMAGE**

**SAFETY RESULTS**

| Pesticides | Heavy Metals | Microbials | Mycotoxins | Residuals Solvents | Filth | Water Activity | Moisture |
|---|---|---|---|---|---|---|---|
| PASSED | PASSED | PASSED | PASSED | PASSED | PASSED | NOT TESTED | NOT TESTED |

**MISC.**

Terpenes
**NOT TESTED**

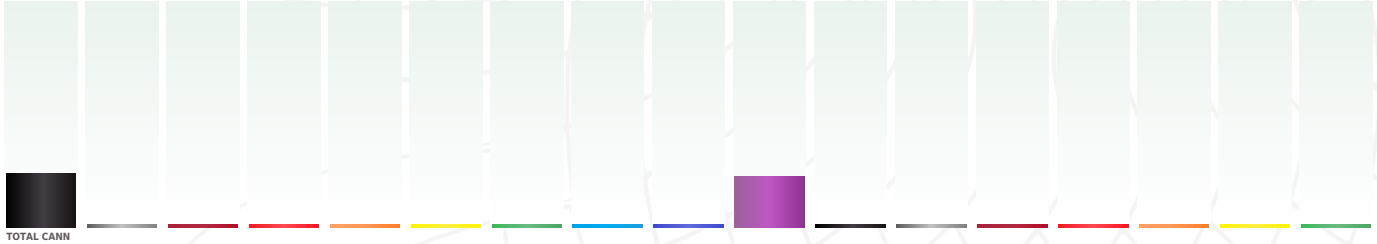
## Cannabinoid

**PASSED**

**Total THC**
**0.2256%**

**Total CBD**
**ND**

**Total Cannabinoids**
**0.2373%**



| | TOTAL CANNABINOIDS | CBDV | CBDA | CBGA | CBG | CBD | THCV | CBN | EXO-THC | D9-THC | D8-THC | D10-THC | CBC | THCA | D8-THCO | D9-THCO | THC-O |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| % | 0.2373 | ND | ND | ND | ND | <0.01 | <0.01 | <0.01 | ND | 0.2256 | 0.0117 | ND | <0.01 | ND | ND | ND | ND |
| mg/g | 2.373 | ND | ND | ND | ND | <0.1 | <0.1 | <0.1 | ND | 2.256 | 0.117 | ND | <0.1 | ND | ND | ND | ND |
| LOD | 0.001 % | 0.001 % | 0.001 % | 0.001 % | 0.001 % | 0.001 % | 0.001 % | 0.001 % | 0.002 % | 0.001 % | 0.001 % | 0.001 % | 0.001 % | 0.001 % | 0.002 % | 0.002 % | 0.002 % |

**Analyzed by**
113

**Weight**
0.5019g

**Extraction date :**
06/16/22 15:57:26

**Extracted By :**
113

**Analysis Method -**Expanded Measurement of Uncertainty: Flower Matrix d9-THC:12.7%, THCa: 9.5%, TOTAL THC 11. 1%. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.

**Reviewed On -** 06/19/22 12:15:10
**Batch Date :** 06/06/22 14:15:32
**Analytical Batch -**KN002464POT
**Instrument Used :** HPLC E-SHI-008
**Running On :**

**Dilution :** 40
**Reagent :** 081321.R04; 051222.R01; 052522.R01
**Consumables :** 947B9291.271; 200331059

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). (Method: SOP.T.30.031.TN for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis.). *Based on FL action limits.



**Sue Ferguson**
Lab Director
State License # n/a
ISO Accreditation # 17025:2017

Signature

06/20/22
Signed On

10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
**DEA Number:** RK0595249

**Kaycha Labs**

Delta 9 Reefies Peanut Budder Cup
N/A
Matrix : Edible

# Certificate of Analysis

**PASSED**

**Utoya Organics LLC.**

1646 Tilley Ave
Clearwater, FL, 33756, US
**Telephone:** (727) 421-9032
**Email:** jedwards@utoya.com

**Sample : KN20525003-001**
**Harvest/Lot ID: 13000**
**Batch# :** E-D9-CK75-51022
**Sampled :** 06/10/22
**Odered :** 06/10/22

**Sample Size Received :** 28 gram
**Total Weight/Volume :** N/A
**Completed :** 06/20/22 **Expires:** 06/20/23
**Sample Method :** SOP Client Method



## Pesticides

**PASSED**

| Pesticide | LOD | Units | Action Level | Pass/Fail | Result |
|---|---|---|---|---|---|
| ABAMECTIN B1A | 0.01 | ppm | 0.3 | PASS | ND |
| ACEPHATE | 0.01 | ppm | 3 | PASS | ND |
| ACEQUINOCYL | 0.01 | ppm | 2 | PASS | ND |
| ACETAMIPRID | 0.01 | ppm | 3 | PASS | ND |
| ALDICARB | 0.01 | ppm | 0.1 | PASS | ND |
| AZOXYSTROBIN | 0.01 | ppm | 3 | PASS | ND |
| BIFENAZATE | 0.01 | ppm | 3 | PASS | ND |
| BIFENTHRIN | 0.01 | ppm | 0.5 | PASS | ND |
| BOSCALID | 0.01 | ppm | 3 | PASS | ND |
| CARBARYL | 0.01 | ppm | 0.5 | PASS | ND |
| CARBOFURAN | 0.01 | ppm | 0.1 | PASS | ND |
| CHLORANTRANILIPROLE | 0.01 | ppm | 3 | PASS | ND |
| CHLORMEQUAT CHLORIDE | 0.01 | ppm | 3 | PASS | ND |
| CHLORPYRIFOS | 0.01 | ppm | 0.1 | PASS | ND |
| CLOFENTEZINE | 0.01 | ppm | 0.5 | PASS | ND |
| COUMAPHOS | 0.01 | ppm | 0.1 | PASS | ND |
| CYPERMETHRIN | 0.01 | ppm | 1 | PASS | ND |
| DAMINOZIDE | 0.01 | ppm | 0.1 | PASS | ND |
| DIAZANON | 0.01 | ppm | 0.2 | PASS | ND |
| DICHLORVOS | 0.01 | ppm | 0.1 | PASS | ND |
| DIMETHOATE | 0.01 | ppm | 0.1 | PASS | ND |
| DIMETHOMORPH | 0.01 | ppm | 3 | PASS | ND |
| ETHOPROPHOS | 0.01 | ppm | 0.1 | PASS | ND |
| ETOFENPROX | 0.01 | ppm | 0.1 | PASS | ND |
| ETOXAZOLE | 0.01 | ppm | 1.5 | PASS | ND |
| FENHEXAMID | 0.01 | ppm | 3 | PASS | ND |
| FENOXYCARB | 0.01 | ppm | 0.1 | PASS | ND |
| FENPYROXIMATE | 0.01 | ppm | 2 | PASS | ND |
| FIPRONIL | 0.01 | ppm | 0.1 | PASS | ND |
| FLONICAMID | 0.01 | ppm | 2 | PASS | ND |
| FLUDIOXONIL | 0.01 | ppm | 3 | PASS | ND |
| HEXYTHIAZOX | 0.01 | ppm | 2 | PASS | ND |
| IMAZALIL | 0.01 | ppm | 0.1 | PASS | ND |
| IMIDACLOPRID | 0.01 | ppm | 3 | PASS | ND |
| KRESOXIM-METHYL | 0.01 | ppm | 1 | PASS | ND |
| MALATHION | 0.01 | ppm | 2 | PASS | ND |
| METALAXYL | 0.01 | ppm | 3 | PASS | ND |
| METHIOCARB | 0.01 | ppm | 0.1 | PASS | ND |
| METHOMYL | 0.01 | ppm | 0.1 | PASS | ND |
| MEVINPHOS | 0.01 | ppm | 0.1 | PASS | ND |
| MYCLOBUTANIL | 0.01 | ppm | 3 | PASS | ND |
| NALED | 0.01 | ppm | 0.5 | PASS | ND |
| OXAMYL | 0.01 | ppm | 0.5 | PASS | ND |
| PACLOBUTRAZOL | 0.01 | ppm | 0.1 | PASS | ND |
| PERMETHRINS | 0.01 | ppm | 1 | PASS | ND |
| PHOSMET | 0.01 | ppm | 0.2 | PASS | ND |
| PIPERONYL BUTOXIDE | 0.01 | ppm | 3 | PASS | ND |
| PRALLETHRIN | 0.01 | ppm | 0.4 | PASS | ND |
| PROPICONAZOLE | 0.01 | ppm | 1 | PASS | ND |
| PROPOXUR | 0.01 | ppm | 0.1 | PASS | ND |
| PYRETHRINS | 0.01 | ppm | 1 | PASS | ND |
| PYRIDABEN | 0.01 | ppm | 3 | PASS | ND |
| SPINETORAM | 0.01 | ppm | 3 | PASS | ND |
| SPIROMESIFEN | 0.01 | ppm | 3 | PASS | ND |
| SPIROTETRAMAT | 0.01 | ppm | 3 | PASS | ND |
| SPIROXAMINE | 0.01 | ppm | 0.1 | PASS | ND |
| TEBUCONAZOLE | 0.01 | ppm | 1 | PASS | ND |
| THIACLOPRID | 0.01 | ppm | 0.1 | PASS | ND |
| THIAMETHOXAM | 0.01 | ppm | 1 | PASS | ND |
| TOTAL SPINOSAD | 0.01 | ppm | 3 | PASS | ND |
| TRIFLOXYSTROBIN | 0.01 | ppm | 3 | PASS | ND |

## Pesticides

**PASSED**

**Analysis Method -** SOP.T.30.060, SOP.T.40.060
**Analytical Batch -**
**Instrument Used :**
**Running on :**
**Reviewed On :** 05/26/22 09:28:17
**Batch Date :**

| Analyzed by: | Weight: | Extraction date: | Extracted by: |
|---|---|---|---|
| NA | NA | NA | NA |

**Dilution :** 1
**Reagent :**
**Consumables :**

Pesticide analysis is performed using LC-MSMS which can quantify down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 61 Pesticides. (Methods: SOP.T.30.065 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.065 Procedure for Pesticide Quantification Using LCMSMS). *Based on FL action limits.



**Sue Ferguson**
Lab Director

State License # n/a
ISO Accreditation # 17025:2017

Signature

06/01/22
Signed On

10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
**DEA Number:** RK0595249

**Kaycha Labs**

Delta 9 Reefies Peanut Budder Cup
N/A
Matrix : Edible

# Certificate of Analysis

**PASSED**

**Utoya Organics LLC.**

1646 Tilley Ave
Clearwater, FL, 33756, US
**Telephone:** (727) 421-9032
**Email:** jedwards@utoya.com

**Sample : KN20525003-001**
**Harvest/Lot ID: 13000**
**Batch# :** E-D9-CK75-51022
**Sampled :** 06/10/22
**Odered :** 06/06/22

**Sample Size Received :** 28 gram
**Total Weight/Volume :** N/A
**Completed :** 06/20/22 **Expires:** 06/20/23
**Sample Method :** SOP Client Method



## Residual Solvents

**PASSED**

| Solvents | LOD | Units | Action Level | Pass/Fail | Result |
|---|---|---|---|---|---|
| PROPANE | 500 | ppm | 2100 | PASS | ND |
| BUTANES (N-BUTANE) | 500 | ppm | 2000 | PASS | ND |
| METHANOL | 25 | ppm | 3000 | PASS | ND |
| ETHYLENE OXIDE | 0.5 | ppm | 5 | PASS | ND |
| PENTANES (N-PENTANE) | 75 | ppm | 5000 | PASS | ND |
| ETHANOL | 500 | ppm | 5000 | PASS | ND |
| ETHYL ETHER | 50 | ppm | 5000 | PASS | ND |
| 1,1-DICHLOROETHENE | 0.8 | ppm | 8 | PASS | ND |
| ACETONE | 75 | ppm | 5000 | PASS | ND |
| 2-PROPANOL | 50 | ppm | 500 | PASS | ND |
| ACETONITRILE | 6 | ppm | 410 | PASS | ND |
| DICHLOROMETHANE | 12.5 | ppm | 600 | PASS | ND |
| N-HEXANE | 25 | ppm | 290 | PASS | ND |
| ETHYL ACETATE | 40 | ppm | 5000 | PASS | ND |
| CHLOROFORM | 0.2 | ppm | 60 | PASS | ND |
| BENZENE | 0.1 | ppm | 2 | PASS | ND |
| 1,2-DICHLOROETHANE | 0.2 | ppm | 5 | PASS | ND |
| HEPTANE | 500 | ppm | 5000 | PASS | ND |
| TRICHLOROETHYLENE | 2.5 | ppm | 80 | PASS | ND |
| TOLUENE | 15 | ppm | 890 | PASS | ND |
| TOTAL XYLENES - M, P & O - DIMETHYLBENZENE | 15 | ppm | 2170 | PASS | ND |

## Solvents

**PASSED**

| Analyzed by | Weight | Extraction date | Extracted By |
|---|---|---|---|
| 138, 12 | 0.02647g | 05/31/22 11:06:30 | 138 |

**Analysis Method -**SOP.T.40.032
**Analytical Batch -**KN002471SOL
**Instrument Used :** E-SHI-106 Residual Solvents
**Running On :**
**Batch Date :** 05/27/22 10:30:47

**Reviewed On -** 06/01/22 20:59:04

**Dilution :** 1
**Reagent :**
**Consumables :** R2017.120; G201.126

Residual solvents analysis is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 22 residual solvents. (Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS). *Based on FL action limits.



**Sue Ferguson**
Lab Director

State License # n/a
ISO Accreditation # 17025:2017

Signature

06/20/22
Signed On

10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
**DEA Number:** RK0595249

**Kaycha Labs**

Delta 9 Reefies Peanut Budder Cup
N/A
Matrix : Edible

# Certificate of Analysis

**PASSED**

**Utoya Organics LLC.**

1646 Tilley Ave
Clearwater, FL, 33756, US
**Telephone:** (727) 421-9032
**Email:** jedwards@utoya.com

**Sample : KN20525003-001**
**Harvest/Lot ID: 13000**
**Batch# :** E-D9-CK75-51022
**Sampled :** 06/10/22
**Odered :** 06/06/22

**Sample Size Received :** 28 gram
**Total Weight/Volume :** N/A
**Completed :** 06/20/22 **Expires:** 06/20/23
**Sample Method :** SOP Client Method



## Microbial — PASSED

| Analyte | LOD | Units | Result | Pass / Fail | Action Level |
|---|---|---|---|---|---|
| LISTERIA MONOCYTOGENE | 2000 | RFU | ND | PASS | 2000 |
| ESCHERICHIA COLI SHIGELLA SPP | 1726 | RFU | ND | PASS | 1726 |
| SALMONELLA SPECIFIC GENE | 10000 | RFU | ND | PASS | 10000 |
| ASPERGILLUS FLAVUS | 10000 | RFU | ND | PASS | 10000 |
| ASPERGILLUS FUMIGATUS | 10000 | RFU | ND | PASS | 10000 |
| ASPERGILLUS NIGER | 10000 | RFU | ND | PASS | 10000 |
| ASPERGILLUS TERREUS | 10000 | RFU | ND | PASS | 10000 |

**Analysis Method -** SOP.T.40.043
**Analytical Batch -** KN002456MIC
**Instrument Used :** Micro E-HEW-069
**Running on :** 06/19/22 09:59:47

**Reviewed On :** 06/19/22 17:35:09
**Batch Date :** 06/06/22 12:36:54

| Analyzed by: | Weight: | Extraction date: | Extracted by: |
|---|---|---|---|
| NA | | NA | NA |

**Dilution :** 1
**Reagent :** 042222.01; 031022.01; 122021.03
**Consumables :** P7530724

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

## Mycotoxins — PASSED

| Analyte | LOD | Units | Result | Pass / Fail | Action Level |
|---|---|---|---|---|---|
| AFLATOXIN G2 | 0.002 | ppm | ND | PASS | 0.02 |
| AFLATOXIN G1 | 0.002 | ppm | ND | PASS | 0.02 |
| AFLATOXIN B2 | 0.002 | ppm | ND | PASS | 0.02 |
| AFLATOXIN B1 | 0.002 | ppm | ND | PASS | 0.02 |
| OCHRATOXIN A+ | 0.002 | ppm | ND | PASS | 0.02 |
| TOTAL MYCOTOXINS | 0.002 | ppm | ND | PASS | 0.02 |

**Analysis Method -SOP.T.30.060, SOP.T.40.060**
**Analytical Batch -25557 | Reviewed On - 05/26/22 09:28:48**
**Instrument Used :**
**Running On : | Batch Date :**

| Analyzed by | Weight | Extraction date | Extracted By |
|---|---|---|---|
| | NA | NA | NA |

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMSMS. LOQ 5.0 ppb). *Based on FL action limits.

## Heavy Metals — PASSED

| Metal | LOD | Units | Result | Pass / Fail | Action Level |
|---|---|---|---|---|---|
| ARSENIC-AS | 0.02 | ppm | <0.1 | PASS | 1.5 |
| CADMIUM-CD | 0.02 | ppm | ND | PASS | 0.5 |
| MERCURY-HG | 0.02 | ppm | ND | PASS | 3 |
| LEAD-PB | 0.02 | ppm | ND | PASS | 0.5 |

| Analyzed by | Weight | Extraction date | Extracted By |
|---|---|---|---|
| 138, 12 | 0.2757g | 05/27/22 15:54:24 | 12 |

**Analysis Method -SOP.T.40.050, SOP.T.30.052**
**Analytical Batch -KN002462HEA | Reviewed On - 05/27/22 17:31:27**
**Instrument Used : Metals ICP/MS**
**Running On : | Batch Date : 05/26/22 10:56:40**

**Dilution :** 50
**Reagent :** 121621.02; 011022.R08; 032522.01; 040822.01; 020422.R07; 030422.R15; 011022.R07
**Consumables :** 108779-06-102921; CFT415500

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) which can screen down to single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.082 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.082TN Heavy Metals Analysis via ICP-MS.



**Sue Ferguson**
Lab Director

State License # n/a
ISO Accreditation # 17025:2017

Signature

06/20/22
Signed On

10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
**DEA Number:** RK0595249

**Kaycha Labs**

Delta 9 Reefies Peanut Budder Cup
N/A
Matrix : Edible

# Certificate of Analysis

**PASSED**



**Utoya Organics LLC.**

1646 Tilley Ave
Clearwater, FL, 33756, US
**Telephone:** (727) 421-9032
**Email:** jedwards@utoya.com

**Sample : KN20525003-001**
**Harvest/Lot ID: 13000**
**Batch# :** E-D9-CK75-51022
**Sampled :** 06/10/22
**Odered :** 06/06/22

**Sample Size Received :** 28 gram
**Total Weight/Volume :** N/A
**Completed :** 06/20/22 **Expires:** 06/20/23
**Sample Method :** SOP Client Method

## Filth/Foreign Material — PASSED

| Analyte | LOD | Units | Result | P/F | Action Level |
|---|---|---|---|---|---|
| Filth and Foreign Material | 1 | detect/g | ND | PASS | 3 |

| Analyzed By | Weight | Extraction date | Extracted By |
|---|---|---|---|
| 1692 | 0.5582g | 06/16/22 | 1692 |

**Analysis Method -** SOP.T.40.013 **Batch Date :** 06/06/22 13:36:59
**Analytical Batch -** KN002457FIL **Reviewed On -** 06/19/22 14:11:04
**Instrument Used :** E-AMS-138 Microscope
**Running On :**

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A SW-2T13 Stereo Microscope is use for inspection.



**Sue Ferguson**
Lab Director

State License # n/a
ISO Accreditation # 17025:2017

Signature

06/20/22
Signed On