

10427 Cogdill Road, Suite 500 Knoxville, TN, 37932, US DEA Number: RC0639128

Labstat

Certi cate of Analysis

Sample: KN30123002-001 Harvest/Lot ID: 411

Seed to Sale# N/A

Batch Date: N/A

Sample Size Received: 92

Retait Bread Ba for Besize: grana

Sampling Method:

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21631 Nottinghill Dr, Spring, Texas, 77388



PASSED



PASSED



PASSED



PASSED



PASSED



PASSED



NOT TESTED



NOT TESTED



NOT TESTED

Cannabinoid

PASSED



Analysis Method: SOP.T.30.031.TN & SOP.T.40.031.TN Expanded Measurement of Uncertainty: Flower Matrix d9-THC: ± 0.100, THCa: ± 0.124, TOTAL THC ± 0.112. These uncertainties represent an expanded uncertainty expressed at approximately the 95% con dence level using a coverage factor k=2 for a normal distribution.

Reviewed On: 01/24/23 17:24:16 Batch Date: 01/23/23 08:32:56

lution: 17/A asgent: 110422.09; 100422.02; 011123.R03; 012023.R25; 011923.01; 110920.06 onsumables: 294108110; 22/04/01; n/a; 239146; 947B9291.100; 220325059-D; IP250.100 pette: E-VWR-120

spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). All cannabinoids have an LOQ of 0.01%

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Sue Ferguson Lab Director

State License # n/a





Labstat



Certi cate of Analysis

PASSED

Telephone: (713) 732 6386

Sample Size Received: 92 gram

Total Batch Size: N/A

Sample Method: SOP Client Method

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Pesticides PASSED

| Pesticide | LOD | Units | Action | Pass/Fail | Resu |
|----------------------|-----|-------|--------|-----------|------|
| | | | Level | | |
| ABAMECTIN B1A | | | | PASS | |
| ACEPHATE | | | | PASS | |
| ACEQUINOCYL | | | | PASS | |
| ACETAMIPRID | | | | PASS | |
| ALDICARB | | | | PASS | |
| AZOXYSTROBIN | | | | PASS | |
| BIFENAZATE | | | | PASS | |
| BIFENTHRIN | | | | PASS | |
| BOSCALID | | | | PASS | |
| CARBARYL | | | | PASS | |
| CARBOFURAN | | | | PASS | |
| CHLORANTRANILIPROLE | | | | PASS | |
| CHLORMEQUAT CHLORIDE | | | | PASS | ND |
| CHLORPYRIFOS | | | | PASS | |
| CLOFENTEZINE | | | | PASS | |
| COUMAPHOS | | | | PASS | |
| DAMINOZIDE | | | | PASS | |
| DIAZANON | | | | PASS | |
| DICHLORVOS | | | | PASS | |
| DIMETHOATE | | | | PASS | |
| DIMETHOMORPH | | | | PASS | |
| ETHOPROPHOS | | | | PASS | |
| ETOFENPROX | | | | PASS | |
| ETOXAZOLE | | | | PASS | |
| FENHEXAMID | | | | PASS | |
| FENOXYCARB | | | | PASS | |
| FENPYROXIMATE | | | | PASS | |
| FIPRONIL | | | | PASS | |
| FLONICAMID | | | | PASS | |
| FLUDIOXONIL | | | | PASS | |
| HEXYTHIAZOX | | | | PASS | ND |
| IMAZALIL | | | | PASS | |
| IMIDACLOPRID | | | | PASS | |
| KRESOXIM-METHYL | | | | PASS | |
| MALATHION | | | | PASS | |
| METALAXYL | | | | PASS | |
| METHIOCARB | | | | PASS | |
| METHOMYL | | | | PASS | |
| MEVINPHOS | | | | PASS | |
| MYCLOBUTANIL | | | | PASS | |
| NALED | | | | PASS | |
| OXAMYL | | | | PASS | |
| PACLOBUTRAZOL | | | | PASS | |
| PERMETHRINS | | | | PASS | |
| PHOSMET | | | | PASS | |
| PIPERONYL BUTOXIDE | | | | PASS | |
| | | | | | |

| Pesticide | | LOD | | Action Level | Pass/Fail | Result |
|----------------------|--------------------|-----------------|-----------|-----------------|-----------------------|--------|
| PRALLETHRIN | | | | | PASS | ND |
| PROPICONAZOLE | | | | | PASS | ND |
| PROPOXUR | | | | | PASS | ND |
| PYRETHRINS | | | | | PASS | ND |
| PYRIDABEN | | | | | PASS | ND |
| SPINETORAM | | | | | PASS | ND |
| SPIROMESIFEN | | | | | PASS | ND |
| SPIROTETRAMAT | | | | | PASS | ND |
| SPIROXAMINE | | | | | PASS | ND |
| TEBUCONAZOLE | | | | | PASS | ND |
| THIACLOPRID | | | | | PASS | ND |
| THIAMETHOXAM | | | | | PASS | ND |
| TOTAL SPINOSAD | | | | | PASS | ND |
| TRIFLOXYSTROBIN | | | | | PASS | ND |
| Analyzed by: 2803 | Weight: 0.5073q | Extracti N/A | ion date: | | Extracted by: 2803 | |

Reviewed On: 01/27/23 10:41:59 Batch Date: 01/26/23 13:21:25

Dilution: 0.01
Reagent: 010523.R11; 010523.R13; 101722.01; 010523.R12; 120122.02; 011723.R25; 011723.R26; 032221.01; 092222.R22

U32221.01; 092222.R22

Consumables: 294108110; K130252J; 22/04/01; n/a; 2126780; 251760; 211214634-D; 239146; GD220003; 1047.033, 102101.057

Tjeette: E-VWR-116; E-VWR-117; E-VWR-118; E-VWR-119

Testing for agricultural agents is performed utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry. *Based on FL action limits.

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Sue Ferguson Lab Director





Labstat



Certi cate of Analysis

PASSED

Spring, Texas, 77388 Telephone: (713) 732 6386

Sample Size Received: 92 gram

Total Batch Size: N/A

Sample Method: SOP Client Method

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Residual Solvents

| FAJJEL |
|---------------|
|---------------|

| Solvents | LOD | Units | Action Level | Pass/Fail | Result | أحيه |
|--|------|------------------|--------------|-----------|---------------|------|
| PROPANE | | | 2100 | PASS | ND | |
| BUTANES (N-BUTANE) | | | | PASS | ND | |
| METHANOL | | | | PASS | ND | |
| ETHYLENE OXIDE | | | | PASS | ND | |
| PENTANES (N-PENTANE) | | | | PASS | ND | |
| ETHANOL | | | | PASS | ND | |
| ETHYL ETHER | | | | PASS | ND | |
| 1.1-DICHLOROETHENE | 0.8 | | | PASS | ND | |
| ACETONE | | | | PASS | ND | |
| 2-PROPANOL | | | | PASS | ND | |
| ACETONITRILE | | | | PASS | ND | |
| DICHLOROMETHANE | 12.5 | | | PASS | ND | |
| N-HEXANE | | | | PASS | ND | |
| ETHYL ACETATE | | | | PASS | ND | |
| CHLOROFORM | 0.2 | | | PASS | ND | |
| BENZENE | | | | PASS | ND | |
| 1,2-DICHLOROETHANE | 0.2 | | | PASS | ND | |
| HEPTANE | | ppm | | PASS | ND | |
| TRICHLOROETHYLENE | | ppm | | PASS | ND | |
| TOLUENE | | ppm | | PASS | ND | |
| TOTAL XYLENES - M, P & O - DIMETHYLBENZENE | | | 2170 | PASS | ND | |
| Analyzed by: Weigi | ght: | Extraction date: | | | extracted by: | |

Running on: N/A

Dilution: N/A Reagent: N/A

Reviewed On: 01/26/23 18:46:35 Batch Date: 01/25/23 08:56:40

Residual solvents analysis is performed using Gas Chromatography / Mass Spectrometry. *Based on FL action limits

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Sue Ferguson Lab Director





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Certi cate of Analysis

PASSED

Spring, Texas, 77388 Telephone: (713) 732 6386

Sample Size Received: 92 gram

Total Batch Size: N/A

Sample Method: SOP Client Method

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Microbial



Mycotoxins PASSED

Reviewed On: 01/30/23 08:09:03 Batch Date: 01/26/23 14:09:12

| Analyte | LOD | Units | Result | Pass / Fail | Action Level |
|----------------------------------|-----|-------|-------------|----------------|-----------------|
| ESCHERICHIA COLI SHIGELLA SPP | | | Not Present | PASS | |
| SALMONELLA SPECIFIC GENE | | | Not Present | PASS | |
| ASPERGILLUS FLAVUS | | | Not Present | PASS | |
| ASPERGILLUS FUMIGATUS | | | Not Present | PASS | |
| ASPERGILLUS NIGER | | | Not Present | PASS | |
| ASPERGILLUS TERREUS | | | Not Present | PASS | |
| | | | | | |

KN003417MIC Instrument Used : E-HEW-069

Reviewed On: 01/26/23 09:38:11 Batch Date: 01/25/23 09:36:06

Dilution: N/A Reagent: 121422.03; 101822.08; 101822.06; 121322.12; 072722.05

Consumables: 22/04/01; 251773; 242429; 2DAX30621; 0980420; P7528255; 250346; 253850; GD220003; 1047.033, 102101.057

Pipette: E-THE-045; E-THE-046; E-THE-047; E-THE-048; E-THE-049; E-THE-050; E-THE-051; Pipette: E-VWR-116; E-VWR-117; E-VWR-118; E-VWR-119

THE-052; E-THE-053; E-THE-054; E-BIO-188

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

Running on: N/A

Dilution: 3:07
Reagent: 102622.R04; 010523.R11; 010523.R13; 101722.01; 010523.R12; 120122.02; 011723.R25; 011723.R26; 032221.01; 092222.R22
Consumables: 294108110; K130252J; 22/04/01; n/a; 01422036; 264041; 211214634-D;

A atoxins B1, B2, G1, G2, and Ochratoxins Mycrotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry. *Based on FL action limits.



Heavy Metals

PASSED

| Metal | | LOD | Units | Result | Pass / Fail | Action Level |
|--------------|---------|------------------|-------|--------|----------------|-----------------|
| ARSENIC-AS | | | | ND | PASS | |
| CADMIUM-CD | | | | | PASS | |
| MERCURY-HG | | | | | PASS | |
| LEAD-PB | | | | | PASS | |
| Analyzed by: | Weight: | Extraction date: | | F. | vtracted h | V. |

Analysis Method: SOP.T.30.082, SOP.T.40.082.TN Analytical Batch: KN003418HEA Review Reviewed On: 01/30/23 14:22:36

Dilution: N/A
Reagent: 110422.09; 100422.02; 011623.R36; 122822.R06; 032522.01; 111122.09;
111022.R03; 120122.R05; 012323.R15; 122122.R11; 122122.R12; 012523.R01; 010323.R06
Consumables: 257747; 829C6-829B; 108779-06-102921; 12532-225CD-225C; A30697912
Pipette: E-EPP-081; E-EPP-082

Heavy Metals analysis is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) which can screen down to single digit ppb concentrations. *Based on FL action limits.

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Sue Ferguson Lab Director

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





Labstat



Certi cate of Analysis

PASSED

Spring, Texas, 77388 Telephone: (713) 732 6386

Total Batch Size: N/A

Sample Size Received: 92 gram

Sample Method: SOP Client Method

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Filth/Foreign Material

PASSED

PASS Analyzed by 2805 Extraction date: 01/25/23 09:37:25

E-AMS-138

Reviewed On: 01/25/23 09:37:33 Batch Date: 01/20/23 09:50:41

Dilution: N/A Reagent: N/A

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.

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Sue Ferguson Lab Director

ISO Accreditation # 17025:2017

