

VVS Investments LLC, DBA Summus Grow
1039 E Carefree Hwy
Phoenix, AZ 85085
16027414145
Lic#: 00000131DCYO00924714

Sample: S409032-02
CC ID#: 2409C4L0029.2694
Lot#: N/A
Batch#: KM091324DC
Batch Size: N/A
Manufacture Date:
Harvest Date:

FINAL

Sample Name: KM091324DC - Kush Mints - Rosin Decarb
Strain Name: Kush Mints
Matrix: Concentrates_Extracts
Amount Received: 64.6947 g

Sample Collected: 09/13/2024 13:59
Sample Received: 09/13/2024 13:59
Report Created: 09/18/2024 17:46

SAFETY



| | | | |
|--------------------------------------|---|--------------------------------------|--------------------------------------|
| Microbials PASS | Residual Solvents PASS | Mycotoxins PASS | Pesticides PASS |
| Metals PASS | | | |

Terpenes

7.04%
Total Terpenes (Q3)

Cannabinoid Results

| | | | |
|---|----------------------------------|--------------------------------|--|
| 80.9% Sum of Cannabinoids (Q3) | 80.6% Total THC | ND% Total CBD | RATIO 1 : 0 THC : CBD |
|---|----------------------------------|--------------------------------|--|

Total THC= THCA * 0.877 + d9-THC
Total CBD= CBDA * 0.877 + CBD

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Cannabinoids by HPLC-DAD - Compliance

Date Analyzed: 09/17/2024 Analyst Initials: DRF SOP: SOP-CHEM-003

| Analyte | LOQ | Result | Result | Qualifier |
|---------------------|------|--------|--------|-----------|
| | % | % | mg/g | |
| THCA | 1.59 | 1.65 | 16.5 | |
| d9-THC | 1.59 | 79.2 | 792 | |
| d8-THC | 1.59 | <LOQ | < LOQ | |
| CBDA | 1.59 | <LOQ | < LOQ | |
| CBD | 1.59 | <LOQ | < LOQ | |
| CBG | 1.59 | <LOQ | < LOQ | |
| CBN | 1.59 | <LOQ | < LOQ | |
| CBC | 1.59 | <LOQ | < LOQ | |
| Sum of Cannabinoids | 1.59 | 80.9 | 809 | Q3 |
| Total THC | 1.59 | 80.6 | 806 | |
| Total CBD | 1.59 | ND | ND | |
| Total Cannabinoids | 1.59 | 80.6 | 806 | Q3 |

Total THC= THCA * 0.877 + d9-THC. Total CBD= CBDA * 0.877 + CBD.

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Terpenes by GC-FID- Noncompliance

Date Analyzed: 09/18/2024 Analyst Initials: NSS SOP: C4-SOP-CHEM-012

| Analyte | LOQ | Result | Result | Qualifier |
|-----------------------|-------|--------------|--------------|-----------|
| | % | % | mg/g | |
| d-Limonene | 0.019 | 2.36 | 23.6 | Q3 |
| beta-Myrcene | 0.019 | 1.55 | 15.5 | Q3 |
| beta-Caryophyllene | 0.019 | 0.948 | 9.48 | Q3 |
| Linalool | 0.019 | 0.620 | 6.20 | Q3 |
| alpha-Pinene | 0.019 | 0.395 | 3.95 | Q3 |
| alpha-Humulene | 0.019 | 0.277 | 2.77 | Q3 |
| trans-B-Farnesene | 0.019 | 0.257 | 2.57 | Q3 |
| Fenchol | 0.019 | 0.202 | 2.02 | Q3 |
| Terpineol | 0.019 | 0.133 | 1.33 | Q3 |
| Camphene | 0.025 | 0.075 | 0.746 | Q3 |
| alpha-Bisabolol | 0.019 | 0.056 | 0.564 | Q3 |
| Borneol | 0.029 | 0.045 | 0.454 | Q3 |
| beta-Pinene | 0.019 | 0.042 | 0.424 | Q3 |
| Nerolidol | 0.019 | 0.041 | 0.410 | Q3 |
| Terpinolene | 0.019 | 0.034 | 0.343 | Q3 |
| Cedrene | 0.019 | <LOQ | < LOQ | Q3 |
| Cedrol | 0.019 | <LOQ | < LOQ | Q3 |
| Geranyl Acetate | 0.019 | <LOQ | < LOQ | Q3 |
| Pulegone | 0.019 | <LOQ | < LOQ | Q3 |
| Nerol | 0.043 | <LOQ | < LOQ | Q3 |
| Citronellol | 0.043 | <LOQ | < LOQ | Q3 |
| Fenchone | 0.019 | <LOQ | < LOQ | Q3 |
| Sabinene Hydrate | 0.019 | <LOQ | < LOQ | Q3 |
| alpha-Phelladrene | 0.019 | <LOQ | < LOQ | Q3 |
| Sabinene | 0.019 | <LOQ | < LOQ | Q3 |
| p-Cymene | 0.019 | <LOQ | < LOQ | Q3 |
| gamma-Terpinene | 0.019 | <LOQ | < LOQ | Q3 |
| Caryophyllene Oxide | 0.019 | <LOQ | < LOQ | Q3 |
| Eucalyptol | 0.019 | <LOQ | < LOQ | Q3 |
| Guaiol | 0.019 | <LOQ | < LOQ | Q3 |
| Geraniol | 0.055 | <LOQ | < LOQ | Q3 |
| Isopulegol | 0.019 | <LOQ | < LOQ | Q3 |
| beta-Ocimene | 0.019 | <LOQ | < LOQ | Q3 |
| alpha-Terpinene | 0.019 | <LOQ | < LOQ | Q3 |
| delta-3-Carene | 0.019 | <LOQ | < LOQ | Q3 |
| Total Terpenes | | 7.035 | 70.36 | |

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Pesticides by LC/MS/MS - Compliance

Pass

Date Analyzed: 09/17/2024 Analyst Initials: JCB SOP: SOP-CHEM-006

| Analyte | LOQ | Limit | Result | Qualifier | Status | Analyte | LOQ | Limit | Result | Qualifier | Status |
|---------------------|-------|-------|--------|-----------|--------|--------------------|-------|-------|--------|-----------|--------|
| | ppm | ppm | ppm | | | | ppm | ppm | ppm | | |
| Abamectin | 0.121 | 0.5 | <LOQ | | Pass | Imazalil | 0.101 | 0.2 | <LOQ | | Pass |
| Acephate | 0.101 | 0.4 | <LOQ | | Pass | Imidacloprid | 0.101 | 0.4 | <LOQ | | Pass |
| Acetamiprid | 0.051 | 0.2 | <LOQ | | Pass | Kresoxim-methyl | 0.101 | 0.4 | <LOQ | | Pass |
| Aldicarb | 0.101 | 0.4 | <LOQ | | Pass | Malathion | 0.051 | 0.2 | <LOQ | | Pass |
| Azoxystrobin | 0.051 | 0.2 | <LOQ | | Pass | Metalaxyl | 0.101 | 0.2 | <LOQ | | Pass |
| Bifenazate | 0.051 | 0.2 | <LOQ | V1 | Pass | Methiocarb | 0.051 | 0.2 | <LOQ | | Pass |
| Bifenthrin | 0.051 | 0.2 | <LOQ | II, L1 | Pass | Methomyl | 0.101 | 0.4 | <LOQ | | Pass |
| Boscalid | 0.101 | 0.4 | <LOQ | | Pass | Myclobutanil | 0.051 | 0.2 | <LOQ | V1 | Pass |
| Carbaryl | 0.051 | 0.2 | <LOQ | | Pass | Naled | 0.126 | 0.5 | <LOQ | | Pass |
| Carbofuran | 0.051 | 0.2 | <LOQ | | Pass | Oxamyl | 0.253 | 1.0 | <LOQ | | Pass |
| Chlorantraniliprole | 0.051 | 0.2 | <LOQ | | Pass | Paclobutrazol | 0.101 | 0.4 | <LOQ | | Pass |
| Chlorfenapyr | 0.505 | 1.0 | <LOQ | I1 | Pass | Permethrins | 0.051 | 0.2 | <LOQ | | Pass |
| Chlorpyrifos | 0.051 | 0.2 | <LOQ | | Pass | Phosmet | 0.051 | 0.2 | <LOQ | | Pass |
| Clofentezine | 0.051 | 0.2 | <LOQ | | Pass | Piperonyl butoxide | 0.505 | 2.0 | <LOQ | | Pass |
| Cyfluthrin | 0.505 | 1.0 | <LOQ | I1 | Pass | Prallethrin | 0.101 | 0.2 | <LOQ | | Pass |
| Cypermethrin | 0.253 | 1.0 | <LOQ | | Pass | Propiconazole | 0.101 | 0.4 | <LOQ | | Pass |
| Daminozide | 0.505 | 1.0 | <LOQ | V1 | Pass | Propoxur | 0.051 | 0.2 | <LOQ | | Pass |
| Diazinon | 0.051 | 0.2 | <LOQ | | Pass | Pyrethrins | 0.282 | 1.0 | <LOQ | | Pass |
| Dichlorvos | 0.051 | 0.1 | <LOQ | | Pass | Pyridaben | 0.051 | 0.2 | <LOQ | | Pass |
| Dimethoate | 0.051 | 0.2 | <LOQ | | Pass | Spinosad | 0.051 | 0.2 | <LOQ | | Pass |
| Ethoprophos | 0.051 | 0.2 | <LOQ | | Pass | Spiromesifen | 0.051 | 0.2 | <LOQ | | Pass |
| Etofenprox | 0.101 | 0.4 | <LOQ | | Pass | Spirotetramat | 0.051 | 0.2 | <LOQ | | Pass |
| Etoxazole | 0.051 | 0.2 | <LOQ | | Pass | Spiroxamine | 0.101 | 0.4 | <LOQ | | Pass |
| Fenoxycarb | 0.051 | 0.2 | <LOQ | | Pass | Tebuconazole | 0.101 | 0.4 | <LOQ | | Pass |
| Fenpyroximate | 0.101 | 0.4 | <LOQ | | Pass | Thiacloprid | 0.051 | 0.2 | <LOQ | | Pass |
| Fipronil | 0.101 | 0.4 | <LOQ | | Pass | Thiamethoxam | 0.051 | 0.2 | <LOQ | | Pass |
| Fonicamid | 0.253 | 1.0 | <LOQ | | Pass | Trifloxystrobin | 0.051 | 0.2 | <LOQ | | Pass |
| Fludioxonil | 0.101 | 0.4 | <LOQ | | Pass | | | | | | |
| Hexythiazox | 0.253 | 1.0 | <LOQ | | Pass | | | | | | |

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Metals by ICP-MS - Compliance

Pass

Date Analyzed: 09/17/2024 Analyst Initials: JEK SOP: C4-SOP-CHEM-008

| Analyte | LOQ | Limit | Result | Qualifier | Status |
|---------|-------|-------|--------|-----------|--------|
| | ppm | ppm | ppm | | |
| Arsenic | 0.098 | 0.4 | <LOQ | | Pass |
| Cadmium | 0.098 | 0.4 | <LOQ | | Pass |
| Lead | 0.394 | 1.0 | <LOQ | L1 | Pass |
| Mercury | 0.039 | 0.2 | <LOQ | | Pass |

Mycotoxins by ELISA- Compliance

Pass

Date Analyzed: 09/18/2024 Analyst Initials: DHV SOP: SOP-MICRO-014

| Analyte | LOQ | Limit | Result | Qualifier | Status |
|------------------|------|-------|--------|-----------|--------|
| | ppb | ppb | ppb | | |
| Aflatoxins Total | 2.00 | 20 | <LOQ | | Pass |
| Ochratoxin A | 4.00 | 20 | <LOQ | | Pass |

Total Aflatoxins includes Aflatoxins B1, B2, G1, and G2.

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Microbials

Pass

E. coli by 3M Petrifilm- Compliance

Date Analyzed: 09/18/2024 Analyst Initials: DHV SOP: SOP-MICRO-010

| Analyte | LOQ | Limit | Result | Qualifier | Status |
|----------------|-------|-------|--------|-----------|--------|
| | CFU/g | CFU/g | CFU/g | | |
| <i>E. coli</i> | 10 | 100 | <10 | | Pass |

Aspergillus and Salmonella by qPCR - Compliance

Date Analyzed: 09/18/2024 Analyst Initials: DHV SOP: SOP-MICRO-013

| Analyte | Result | Qualifier | Status |
|---|--------------|-----------|--------|
| | in one gram | | |
| <i>Salmonella spp.</i> | Not Detected | | Pass |
| <i>Aspergillus flavus,</i> <i>Aspergillus fumigatus,</i> <i>Aspergillus niger, or</i> <i>Aspergillus terreus</i> | Not Detected | | Pass |

Salmonella and Aspergillus by Medicinal Genomics.

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Residual Solvents by Headspace GC/MS - Compliance

Pass

Date Analyzed: 09/17/2024 Analyst Initials: HSP SOP: SOP-CHEM-005

| Analyte | LOD | LOQ | Limit | Result | Qualifier | Status | Analyte | LOD | LOQ | Limit | Result | Qualifier | Status |
|--------------------|-----|-------|-------|--------|-----------|--------|--|-----|-------|-------|--------|-----------|--------|
| | ppm | ppm | | ppm | | | | ppm | ppm | | | | |
| Acetone | | 128.9 | 1000 | <LOQ | | Pass | 2,2-Dimethylbutane | | 41.24 | | <LOQ | | |
| Acetonitrile | | 51.55 | 410 | <LOQ | | Pass | 2-methylpentane/ 2,3-dimethylbutane | | 82.47 | | <LOQ | | |
| Benzene | | 1.031 | 2 | <LOQ | L1, V1 | Pass | 2-Propanol (IPA) | | 644.3 | 5000 | <LOQ | | Pass |
| Butanes | | 644.3 | 5000 | <LOQ | | Pass | Isopropyl acetate | | 644.3 | 5000 | <LOQ | | Pass |
| <i>n</i> -Butane | | 644.3 | | <LOQ | | | Methanol | | 386.6 | 3000 | <LOQ | | Pass |
| <i>iso</i> -Butane | | 644.3 | | <LOQ | | | Pentanes | | 644.3 | 5000 | <LOQ | | Pass |
| Chloroform | | 15.46 | 60 | <LOQ | | Pass | <i>n</i> -Pentane | | 644.3 | | <LOQ | V1 | |
| Dichloromethane | | 77.32 | 600 | <LOQ | | Pass | <i>iso</i> -pentane | | 644.3 | | <LOQ | V1 | |
| Ethanol | | 644.3 | 5000 | <LOQ | | Pass | <i>neo</i> -Pentane | | 644.3 | | <LOQ | | |
| Ethyl acetate | | 644.3 | 5000 | <LOQ | | Pass | Toluene | | 118.6 | 890 | <LOQ | | Pass |
| Diethyl Ether | | 644.3 | 5000 | <LOQ | | Pass | Xylenes | | 283.5 | 2170 | <LOQ | | Pass |
| n-Heptane | | 644.3 | 5000 | <LOQ | | Pass | <i>m/p</i> -Xylene | | 567.0 | | <LOQ | | |
| Hexanes | | 41.24 | 290 | <LOQ | | Pass | <i>o</i> -Xylene | | 283.5 | | <LOQ | | |
| <i>n</i> -Hexane | | 41.24 | | <LOQ | | | Ethyl benzene | | 283.5 | | <LOQ | | |
| 3-Methylpentane | | 41.24 | | <LOQ | | | | | | | | | |

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Notes and Definitions

| Item | Definition |
|-------|--|
| I1 | Interference. Relative intensity of a characteristic ion in the sample analyte exceeded 30% of the relative intensity in the reference spectrum. |
| L1 | The percent recovery of the LCS was above the control limit for the test but analyte was not detected above the Action Limit in Table 3.1. |
| Q3 | Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317. Testing result is not accredited under ISO 17025. |
| V1 | The recovery from initial or continuing calibration verification standards is greater than the acceptance limits, but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample. |
| < LOQ | Results below the Limit of Quantification. |
| ND | Not Detected |
| Limit | Maximum allowable concentration as defined by Table 3.1 in Arizona Administrative code (A.A.C.) Title 9, Chapter 17 |
| CFU/g | Colony forming units per gram |
| ppm | Parts per million |
| ppb | Parts per billion |
| NT | Not Tested |
| | Sum of Cannabinoids = THCA + d9-THC + CBDA + CBD + d8-THC + CBG + CBN + CBC |
| | Total Cannabinoids = Total THC + Total CBD + d8-THC + CBG + CBN + CBC |

CASE NARRATIVE

ARIZONA DEPARTMENT OF HEALTH SERVICES' WARNING:

Marijuana use can be addictive and can impair an individual's ability to drive a motor vehicle or operate heavy machinery. Marijuana smoke contains carcinogens and can lead to an increased risk for cancer, tachycardia, hypertension, heart attack, and lung infection. Marijuana use may affect the health of a pregnant woman and the unborn child. KEEP OUT OF REACH OF CHILDREN. Using Marijuana during pregnancy could cause birth defects or other health issues to your unborn child.