**KCA Laboratories**
1509 Bull Lea Rd, Ste 100
Lexington, KY 40511

+1-833-KCA-LABS
https://kcalabs.com
KDA Lic.# P_0058

# Certificate of Analysis



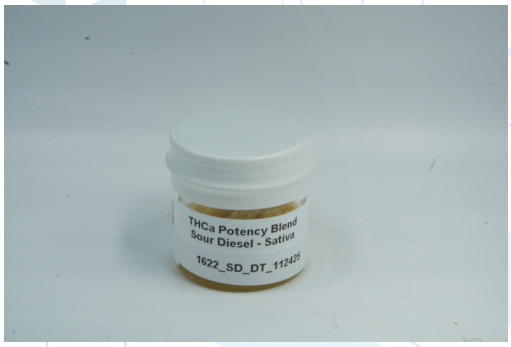
## THCa Potency Blend - Kush Mintz

Sample ID: SA-260506-80986
Batch: 1622_SD_DT_112425
Type: Finished Product - Inhalable
Matrix: Concentrate - Vape
Unit Mass (g):
Expiration Date: 12/11/2027

Collected: 11/24/2025
Received: 12/11/2025
Completed: 12/11/2025

**Manufacturer**

**Client**
Dank Fila
982 N TX Loop 337
New Braunfels, TX 78130
USA




## Summary

| Test | Date | Status |
|---|---|---|
| Cannabinoids | 12/04/2025 | Tested |
| Heavy Metals | 12/08/2025 | Tested |
| Microbials | 12/09/2025 | Tested |
| Mycotoxins | 12/11/2025 | Tested |
| Pesticides | 12/11/2025 | Tested |
| Residual Solvents | 12/10/2025 | Tested |

The current and valid permit number for the facility issued by the client's regulatory entity is stated above, indicating that the facility meets the human health or food safety sanitization requirements of FDACS as evidenced by the valid permit number.

| 0.151 % | 61.2 % | 83.0 % | Not Tested | Not Tested | Yes |
|---|---|---|---|---|---|
| Δ9-THC | Δ9-THCA | Total Cannabinoids | Moisture Content | Foreign Matter | Internal Standard Normalization |

## Cannabinoids by HPLC-PDA and GC-MS/MS

| Analyte | LOD (%) | LOQ (%) | MU | Result (%) | Result (mg/g) |
|---|---|---|---|---|---|
| CBC | 0.0095 | 0.0284 | 6.2% | 3.86 | 38.6 |
| CBCA | 0.0181 | 0.0543 | 6.2% | 0.453 | 4.53 |
| CBCV | 0.006 | 0.018 | 6.2% | ND | ND |
| CBD | 0.0081 | 0.0242 | 6.2% | 3.69 | 36.9 |
| CBDA | 0.0043 | 0.013 | 6.2% | 9.05 | 90.5 |
| CBDV | 0.0061 | 0.0182 | 6.2% | 0.147 | 1.47 |
| CBDVA | 0.0021 | 0.0063 | 6.2% | 0.310 | 3.10 |
| CBG | 0.0057 | 0.0172 | 6.2% | 2.93 | 29.3 |
| CBGA | 0.0049 | 0.0147 | 6.2% | 0.324 | 3.24 |
| CBL | 0.0112 | 0.0335 | 6.2% | ND | ND |
| CBLA | 0.0124 | 0.0371 | 6.2% | ND | ND |
| CBN | 0.0056 | 0.0169 | 6.2% | ND | ND |
| CBNA | 0.006 | 0.0181 | 6.2% | 0.149 | 1.49 |
| CBT | 0.018 | 0.054 | 6.2% | 0.356 | 3.56 |
| Δ8-THC | 0.0104 | 0.0312 | 6.2% | ND | ND |
| Δ9-THC | 0.0076 | 0.0227 | 6.2% | 0.151 | 1.51 |
| Δ9-THCA | 0.0084 | 0.0251 | 6.2% | 61.2 | 612 |
| Δ9-THCV | 0.0069 | 0.0206 | 6.2% | ND | ND |
| Δ9-THCVA | 0.0062 | 0.0186 | 6.2% | 0.314 | 3.14 |
| **Total Δ9-THC** | | | | **53.9** | **539** |
| **Total** | | | | **83.0** | **830** |

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = Sample matrix interference present which may affect accuracy of results; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;

The reported expanded measurement uncertainty (MU) is stated as the combined standard measurement uncertainty multiplied by a combined measurement uncertainty factor (e.g., k = 2) such that the coverage probability corresponds to 95%

Generated By: Cindy Juett
Business Administrator
Date: 05/06/2026

Tested By: Scott Caudill
Laboratory Manager
Date: 12/04/2025

ISO/IEC 17025:2017 Accredited
Accreditation #108651

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**Manufacturer**

**Client**
Dank Fila
982 N TX Loop 337
New Braunfels, TX 78130
USA

## Heavy Metals by ICP-MS

| Analyte | LOD (ppm) | LOQ (ppm) | MU | Result (ppm) |
|---|---|---|---|---|
| Arsenic | 0.002 | 0.02 | 19% | ND |
| Cadmium | 0.002 | 0.02 | 8.6% | ND |
| Lead | 0.005 | 0.05 | 23% | ND |
| Mercury | 0.005 | 0.01 | 30% | ND |

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Generated By: Cindy Juett
Business Administrator
Date: 05/06/2026

Tested By: Annie Velazquez
Assistant Scientist
Date: 12/08/2025

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**Manufacturer**

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New Braunfels, TX 78130
USA

## Pesticides by LC-MS/MS and GC-MS/MS

| Analyte | LOD (ppb) | LOQ (ppb) | MU | Result (ppb) | Analyte | LOD (ppb) | LOQ (ppb) | MU | Result (ppb) |
|---|---|---|---|---|---|---|---|---|---|
| Abamectin | 30 | 100 | 120% | ND | Hexythiazox | 30 | 100 | 71% | ND |
| Acephate | 30 | 100 | 42% | ND | Imazalil | 30 | 100 | 41% | ND |
| Acequinocyl | 30 | 100 | 93% | NR | Imidacloprid | 30 | 100 | 37% | ND |
| Acetamiprid | 30 | 100 | 31% | ND | Kresoxim methyl | 30 | 100 | 42% | ND |
| Aldicarb | 30 | 100 | 40% | ND | Malathion | 30 | 100 | 38% | ND |
| Azoxystrobin | 30 | 100 | 38% | ND | Metalaxyl | 30 | 100 | 31% | ND |
| Bifenazate | 30 | 100 | 37% | ND | Methiocarb | 30 | 100 | 37% | ND |
| Bifenthrin | 30 | 100 | 64% | <RL | Methomyl | 30 | 100 | 33% | ND |
| Boscalid | 30 | 100 | 45% | ND | Mevinphos | 30 | 100 | | ND |
| Carbaryl | 30 | 100 | 35% | ND | Myclobutanil | 30 | 100 | 46% | ND |
| Carbofuran | 30 | 100 | 34% | ND | Naled | 30 | 100 | 65% | ND |
| Chloranthraniliprole | 30 | 100 | 58% | ND | Oxamyl | 30 | 100 | 35% | ND |
| Chlorfenapyr | 30 | 100 | 59% | ND | Paclobutrazol | 30 | 100 | 41% | ND |
| Chlormequat chloride | 30 | 100 | 43% | ND | Permethrin | 30 | 100 | 64% | ND |
| Chlorpyrifos | 30 | 100 | 70% | ND | Phosmet | 30 | 100 | 42% | ND |
| Clofentezine | 30 | 100 | 72% | ND | Piperonyl Butoxide | 30 | 100 | 58% | ND |
| Coumaphos | 30 | 100 | 45% | ND | Prallethrin | 30 | 100 | 49% | ND |
| Cypermethrin | 30 | 100 | 60% | NR | Propiconazole | 30 | 100 | 51% | ND |
| Daminozide | 30 | 100 | 50% | ND | Propoxur | 30 | 100 | 31% | ND |
| Diazinon | 30 | 100 | 36% | ND | Pyrethrins | 30 | 100 | 59% | ND |
| DDVP (Dichlorvos) | 30 | 100 | 58% | ND | Pyridaben | 30 | 100 | 74% | ND |
| Dimethoate | 30 | 100 | 28% | ND | Spinetoram | 30 | 100 | | ND |
| Dimethomorph | 30 | 100 | | ND | Spinosad | 30 | 100 | 64% | ND |
| Ethoprophos | 30 | 100 | 35% | ND | Spiromesifen | 30 | 100 | 61% | ND |
| Etofenprox | 30 | 100 | 60% | ND | Spirotetramat | 30 | 100 | 43% | ND |
| Etoxazole | 30 | 100 | 76% | ND | Spiroxamine | 30 | 100 | 37% | ND |
| Fenhexamid | 30 | 100 | 46% | ND | Tebuconazole | 30 | 100 | 47% | ND |
| Fenoxycarb | 30 | 100 | 40% | ND | Thiacloprid | 30 | 100 | 35% | ND |
| Fenpyroximate | 30 | 100 | 69% | ND | Thiamethoxam | 30 | 100 | 39% | ND |
| Fipronil | 30 | 100 | 36% | ND | Trifloxystrobin | 30 | 100 | 41% | ND |
| Flonicamid | 30 | 100 | 52% | ND | | | | | |
| Fludioxonil | 30 | 100 | 41% | ND | | | | | |

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The reported expanded measurement uncertainty (MU) is stated as the combined standard measurement uncertainty multiplied by a combined measurement uncertainty factor (e.g., k = 2) such that the coverage probability corresponds to 95%

Generated By: Cindy Juett
Business Administrator
Date: 05/06/2026

Authorized By: Jasper van Heemst
Principal Scientist
Date: 12/11/2025

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**Manufacturer**

**Client**
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New Braunfels, TX 78130
USA

## Mycotoxins by LC-MS/MS

| Analyte | LOD (ppb) | LOQ (ppb) | MU | Result (ppb) |
|---|---|---|---|---|
| B1 | 1 | 5 | 40% | ND |
| B2 | 1 | 5 | 49% | ND |
| G1 | 1 | 5 | 41% | ND |
| G2 | 1 | 5 | 46% | ND |
| Ochratoxin A | 1 | 5 | 46% | ND |

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = Sample matrix interference present which may affect accuracy of results; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

The reported expanded measurement uncertainty (MU) is stated as the combined standard measurement uncertainty multiplied by a combined measurement uncertainty factor (e.g., k = 2) such that the coverage probability corresponds to 95%

Generated By: Cindy Juett
Business Administrator
Date: 05/06/2026

Tested By: Jasper van Heemst
Principal Scientist
Date: 12/11/2025

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**Manufacturer**

**Client**
Dank Fila
982 N TX Loop 337
New Braunfels, TX 78130
USA

## Microbials by PCR and Plating

| Analyte | LOD (CFU/g) | MU | Result (CFU/g) | Result (Qualitative) |
|---|---|---|---|---|
| Total aerobic count | 10 | | ND | |
| Total coliforms | 10 | | <RL | |
| Generic E. coli | 10 | 69% | ND | |
| Salmonella spp. | 1 | | | Not Detected per 1 gram |
| Shiga-toxin producing E. coli (STEC) | 1 | | | Not Detected per 1 gram |

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = Sample matrix interference present which may affect accuracy of results; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit

The reported expanded measurement uncertainty (MU) is stated as the combined standard measurement uncertainty multiplied by a combined measurement uncertainty factor (e.g., k = 2) such that the coverage probability corresponds to 95%

Generated By: Cindy Juett
Business Administrator
Date: 05/06/2026

Tested By: Sara Cook
Laboratory Technician
Date: 12/09/2025

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## Residual Solvents by HS-GC-MS

| Analyte | LOD (ppm) | LOQ (ppm) | MU | Result (ppm) | Analyte | LOD (ppm) | LOQ (ppm) | MU | Result (ppm) |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 33 | 100 | 59% | ND | Ethylene Oxide | 0.5 | 1 | 29% | ND |
| Acetonitrile | 14 | 41 | 29% | ND | Heptane | 33 | 100 | 14% | ND |
| Benzene | 0.5 | 1 | 21% | ND | n-Hexane | 2 | 6 | 19% | ND |
| Butane | 33 | 100 | 24% | <RL | Isobutane | 33 | 100 | 24% | ND |
| 1-Butanol | 167 | 500 | 23% | ND | Isopropyl Acetate | 167 | 500 | 17% | ND |
| 2-Butanol | 167 | 500 | 21% | ND | Isopropyl Alcohol | 167 | 500 | 29% | ND |
| 2-Butanone | 167 | 500 | 15% | ND | Isopropylbenzene | 167 | 500 | 21% | ND |
| Chloroform | 2 | 6 | 13% | ND | Methanol | 20 | 60 | 17% | ND |
| Cyclohexane | 129 | 388 | 16% | ND | 2-Methylbutane | 10 | 29 | 44% | ND |
| 1,2-Dichloroethane | 0.5 | 1 | 7.7% | ND | Methylene Chloride | 20 | 60 | 15% | ND |
| 1,2-Dimethoxyethane | 4 | 10 | 13% | ND | 2-Methylpentane | 2 | 6 | 13% | ND |
| Dimethyl Sulfoxide | 167 | 500 | 41% | ND | 3-Methylpentane | 2 | 6 | 15% | ND |
| N,N-Dimethylacetamide | 37 | 109 | 23% | ND | n-Pentane | 33 | 100 | 30% | ND |
| 2,2-Dimethylbutane | 2 | 6 | 20% | ND | 1-Pentanol | 167 | 500 | 22% | ND |
| 2,3-Dimethylbutane | 2 | 6 | 15% | ND | n-Propane | 33 | 100 | 24% | <LOQ |
| N,N-Dimethylformamide | 30 | 88 | 28% | ND | 1-Propanol | 167 | 500 | 23% | ND |
| 2,2-Dimethylpropane | 167 | 500 | 23% | ND | Pyridine | 7 | 20 | 24% | ND |
| 1,4-Dioxane | 13 | 38 | 12% | ND | Tetrahydrofuran | 24 | 72 | 36% | ND |
| Ethanol | 167 | 500 | 18% | ND | Toluene | 6 | 18 | 19% | <LOQ |
| 2-Ethoxyethanol | 6 | 16 | 20% | ND | Trichloroethylene | 3 | 8 | 20% | ND |
| Ethyl Acetate | 33 | 100 | 13% | ND | Xylenes (o-, m-, and p-) | 14 | 43 | 21% | ND |
| Ethyl Ether | 167 | 500 | 14% | ND | | | | | |
| Ethylbenzene | 3 | 7 | 21% | ND | | | | | |

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Generated By: Cindy Juett
Business Administrator
Date: 05/06/2026

Tested By: Kelsey Rogers
Scientist
Date: 12/10/2025

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USA

# Reporting Limit Appendix

## Heavy Metals - KY 902 KAR 45:190

| Analyte | Limit (ppm) | Analyte | Limit (ppm) |
|---|---|---|---|
| Arsenic | 0.2 | Lead | 0.5 |
| Cadmium | 0.2 | Mercury | 0.1 |

## Microbials - KY 902 KAR 45:190

| Analyte | Limit (CFU/g) | Analyte | Limit (CFU/g) |
|---|---|---|---|
| Total coliforms | 100 | Total aerobic count | 10000 |

## Residual Solvents - KY 902 KAR 45:190 & USP 467

| Analyte | Limit (ppm) | Analyte | Limit (ppm) |
|---|---|---|---|
| Acetone | 1000 | Ethylene Oxide | 1 |
| Acetonitrile | 410 | Heptane | 1000 |
| Benzene | 2 | n-Hexane | 60 |
| Butane | 5000 | Isobutane | 1000 |
| 1-Butanol | 5000 | Isopropyl Acetate | 5000 |
| 2-Butanol | 5000 | Isopropyl Alcohol | 5000 |
| 2-Butanone | 5000 | Isopropylbenzene | 5000 |
| Chloroform | 60 | Methanol | 600 |
| Cyclohexane | 3880 | 2-Methylbutane | 290 |
| 1,2-Dichloroethane | 5 | Methylene Chloride | 600 |
| 1,2-Dimethoxyethane | 100 | 2-Methylpentane | 60 |
| Dimethyl Sulfoxide | 5000 | 3-Methylpentane | 60 |
| N,N-Dimethylacetamide | 1090 | n-Pentane | 1000 |
| 2,2-Dimethylbutane | 60 | 1-Pentanol | 5000 |
| 2,3-Dimethylbutane | 60 | n-Propane | 1000 |
| N,N-Dimethylformamide | 880 | 1-Propanol | 5000 |
| 2,2-Dimethylpropane | 5000 | Pyridine | 200 |
| 1,4-Dioxane | 380 | Tetrahydrofuran | 720 |
| Ethanol | 5000 | Toluene | 180 |
| 2-Ethoxyethanol | 160 | Trichloroethylene | 80 |
| Ethyl Acetate | 1000 | Xylenes (o-, m-, and p-) | 430 |
| Ethyl Ether | 5000 | | |
| Ethylbenzene | 70 | | |

## Pesticides - KY 902 KAR 45:190

| Analyte | Limit (ppb) | Analyte | Limit (ppb) |
|---|---|---|---|
| Abamectin | 500 | Hexythiazox | 1000 |

## Pesticides - KY 902 KAR 45:190

| Analyte | Limit (ppb) | Analyte | Limit (ppb) |
|---|---|---|---|
| Acephate | 400 | Imazalil | 200 |
| Acequinocyl | 2000 | Imidacloprid | 400 |
| Acetamiprid | 200 | Kresoxim methyl | 400 |
| Aldicarb | 400 | Malathion | 200 |
| Azoxystrobin | 200 | Metalaxyl | 200 |
| Bifenazate | 200 | Methiocarb | 200 |
| Bifenthrin | 200 | Methomyl | 400 |
| Boscalid | 400 | Mevinphos | |
| Carbaryl | 200 | Myclobutanil | 200 |
| Carbofuran | 200 | Naled | 500 |
| Chloranthraniliprole | 200 | Oxamyl | 1000 |
| Chlorfenapyr | 1000 | Paclobutrazol | 400 |
| Chlorpyrifos | 200 | Permethrin | 200 |
| Clofentezine | 200 | Phosmet | 200 |
| Chlormequat chloride | 200 | Piperonyl Butoxide | 2000 |
| Coumaphos | | Prallethrin | 200 |
| Cypermethrin | 1000 | Propiconazole | 400 |
| Daminozide | 1000 | Propoxur | 200 |
| Diazinon | 200 | Pyrethrins | 1000 |
| DDVP (Dichlorvos) | 100 | Pyridaben | 200 |
| Dimethoate | 200 | Spinetoram | |
| Dimethomorph | | Spinosad | 200 |
| Ethoprophos | 200 | Spiromesifen | 200 |
| Etofenprox | 400 | Spirotetramat | 200 |
| Etoxazole | 200 | Spiroxamine | 400 |
| Fenhexamid | | Tebuconazole | 400 |
| Fenoxycarb | 200 | Thiacloprid | 200 |
| Fenpyroximate | 400 | Thiamethoxam | 200 |
| Fipronil | 400 | Trifloxystrobin | 200 |
| Flonicamid | 1000 | | |
| Fludioxonil | 400 | | |

## Mycotoxins - KY 902 KAR 45:190

| Analyte | Limit (ppb) | Analyte | Limit (ppb) |
|---|---|---|---|
| B1 | 5 | B2 | 5 |
| G1 | 5 | G2 | 5 |
| Ochratoxin A | 20 | | |