

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

1 of 8

Twenty One - Cartridges - 1ml - THCa + THCp - GG4 (Indica)

Sample ID: SA-241206-53172 Batch: 242240113807

Type: Finished Product - Inhalable Matrix: Concentrate - Distillate

Unit Mass (g):

Received: 12/09/2024 Completed: 12/16/2024 Client

Arvida Labs 1291 NW 65th PL Unit B Fort Lauderdale, FL 33309





Summary

Test **Date Tested** 12/13/2024 Cannabinoids 12/09/2024 Foreign Matter Heavy Metals 12/12/2024 Microbials 12/16/2024 12/16/2024 Mycotoxins Pesticides 12/16/2024 Residual Solvents 12/13/2024

Status Tested Tested Passed Passed Passed Passed Passed

ND Δ9-ΤΗС

64.3 % Δ8-ΤΗС

77.0 % **Total Cannabinoids** **Not Tested**

Moisture Content

Not Detected

Foreign Matter

Yes

Internal Standard Normalization









Date: 12/16/2024



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2 of 8

Twenty One - Cartridges - 1ml - THCa + THCp - GG4 (Indica)

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Cannabinoids by HPLC-PDA and GC-MS/MS

| Analysis | LOD | LOQ | Result | Result |
|-------------------|--------|--------|--------|--------|
| Analyte | (%) | (%) | (%) | (mg/g) |
| CBC | 0.0095 | 0.0284 | ND | ND |
| CBCA | 0.0181 | 0.0543 | ND | ND |
| CBCV | 0.006 | 0.018 | ND | ND |
| CBD | 0.0081 | 0.0242 | 0.186 | 1.86 |
| CBDA | 0.0043 | 0.013 | ND | ND |
| CBDP | 0.0067 | 0.02 | ND | ND |
| CBDV | 0.0061 | 0.0182 | ND | ND |
| CBDVA | 0.0021 | 0.0063 | ND | ND |
| CBG | 0.0057 | 0.0172 | ND | ND |
| CBGA | 0.0049 | 0.0147 | ND | ND |
| CBL | 0.0112 | 0.0335 | ND | ND |
| CBLA | 0.0124 | 0.0371 | ND | ND |
| CBN | 0.0056 | 0.0169 | 0.748 | 7.48 |
| CBNA | 0.006 | 0.0181 | ND | ND |
| CBNP | 0.0067 | 0.02 | 0.0448 | 0.448 |
| CBT | 0.018 | 0.054 | ND | ND |
| Δ4,8-iso-THC | 0.0067 | 0.02 | 1.24 | 12.4 |
| Δ6a,10a-THC | 0.0067 | 0.02 | ND | ND |
| Δ8-iso-THC | 0.0067 | 0.02 | ND | ND |
| Δ8-ΤΗС | 0.0104 | 0.0312 | 64.3 | 643 |
| Δ8-ΤΗСΡ | 0.0067 | 0.02 | 0.119 | 1.19 |
| Δ8-ΤΗCV | 0.0067 | 0.02 | 0.425 | 4.25 |
| Δ9-ΤΗС | 0.0076 | 0.0227 | ND | ND |
| Δ9-ΤΗCΑ | 0.0084 | 0.0251 | 0.939 | 9.39 |
| Δ9-ΤΗСР | 0.0067 | 0.02 | 3.71 | 37.1 |
| Δ9-ΤΗCV | 0.0069 | 0.0206 | ND | ND |
| Δ9-THCVA | 0.0062 | 0.0186 | ND | ND |
| (6aR,9R)-Δ10-THC | 0.0067 | 0.02 | ND | ND |
| (6a R,9S)-Δ10-THC | 0.0067 | 0.02 | ND | ND |
| exo-THC | 0.0067 | 0.02 | ND | ND |
| (6aR,9R,10aR)-HHC | 0.0067 | 0.02 | 2.63 | 26.3 |
| (6aR,9S,10aR)-HHC | 0.0067 | 0.02 | 2.65 | 26.5 |
| Total Δ9-THC | | | 0.823 | 8.23 |
| Total | | | 77.0 | 770 |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ 9-THC = Δ 9-THCA * 0.877 + Δ 9-THC; Total CBD = CBDA * 0.877 + CBD;

Generated By: Ryan Bellone

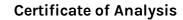
CCO Date: 12/16/2024 Tested By: Scott Caudill Laboratory Manager Date: 12/13/2024







ISO/IEC 17025:2017 Accredited Accreditation #108651



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3 of 8

Twenty One - Cartridges - 1ml - THCa + THCp - GG4 (Indica)

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Matrix: Concentrate - Distillate

Unit Mass (g):

Received: 12/09/2024 Completed: 12/16/2024 Client

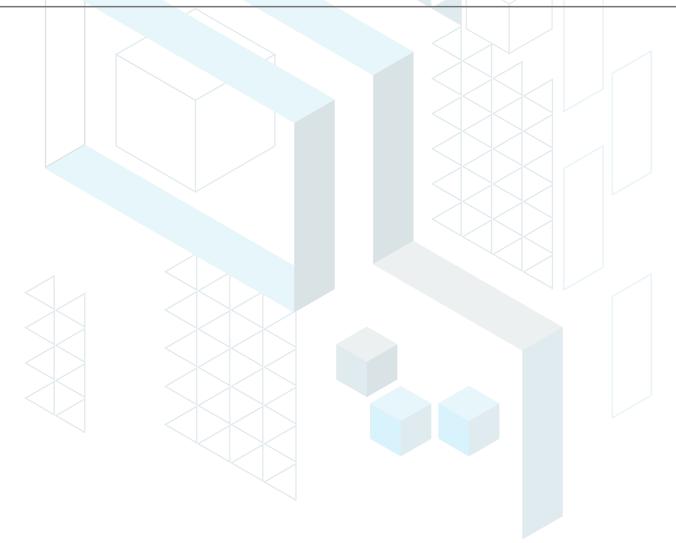
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USA

Heavy Metals by ICP-MS

| Analyte | LOD (ppm) | LOQ (ppm) | Result (ppm) | P/F |
|---------|-----------|-----------|--------------|-----|
| Arsenic | 0.002 | 0.02 | ND | Р |
| Cadmium | 0.001 | 0.02 | ND | Р |
| Lead | 0.002 | 0.02 | ND | Р |
| Mercury | 0.012 | 0.05 | ND | P |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

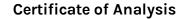


Generated By: Ryan Bellone CCO

Date: 12/16/2024

Tested By: Chris Farman Scientist Date: 12/12/2024







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4 of 8

Twenty One - Cartridges - 1ml - THCa + THCp - GG4 (Indica)

Sample ID: SA-241206-53172 Batch: 242240113807

Type: Finished Product - Inhalable Matrix: Concentrate - Distillate

Unit Mass (g):

Received: 12/09/2024 Completed: 12/16/2024 Client

Arvida Labs 1291 NW 65th PL Unit B Fort Lauderdale, FL 33309

Pesticides by LC-MS/MS

| Analyte | LOD (ppb) | LOQ (ppb) | Result (ppb) | P/F | Analyte | LOD (ppb) | LOQ (ppb) | Result (ppb) | P/F |
|----------------------|--------------|--------------|-----------------|-----|--------------------|--------------|--------------|-----------------|-----|
| Abamectin | 30 | 100 | ND | Р | Hexythiazox | 30 | 100 | ND | Р |
| Acephate | 30 | 100 | ND | Р | lmazalil | 30 | 100 | ND | Р |
| Acetamiprid | 30 | 100 | ND | Р | Imidacloprid | 30 | 100 | ND | Р |
| Aldicarb | 30 | 100 | ND | Р | Kresoxim methyl | 30 | 100 | ND | Р |
| Azoxystrobin | 30 | 100 | ND | Р | Malathion | 30 | 100 | ND | Р |
| Bifenazate | 30 | 100 | ND | Р | Metalaxyl | 30 | 100 | ND | Р |
| Bifenthrin | 30 | 100 | ND | P | Methiocarb | 30 | 100 | ND | Р |
| Boscalid | 30 | 100 | ND | Р | Methomyl | 30 | 100 | ND | Р |
| Carbaryl | 30 | 100 | ND | Р | Mevinphos | 30 | 100 | ND | Р |
| Carbofuran | 30 | 100 | ND | Р | Myclobutanil | 30 | 100 | ND | Р |
| Chloranthraniliprole | 30 | 100 | ND | Р | Naled | 30 | 100 | ND | Р |
| Chlorfenapyr | 30 | 100 | ND | Р | Oxamyl | 30 | 100 | ND | Р |
| Chlorpyrifos | 30 | 100 | ND | Р | Paclobutrazol | 30 | 100 | ND | Р |
| Clofentezine | 30 | 100 | ND | Р | Permethrin | 30 | 100 | ND | Р |
| Coumaphos | 30 | 100 | ND | Р | Phosmet | 30 | 100 | ND | Р |
| Cypermethrin | 30 | 100 | ND | Р | Piperonyl Butoxide | 30 | 100 | ND | Р |
| Diazinon | 30 | 100 | ND | Р | Propiconazole | 30 | 100 | ND | Р |
| Dichlorvos | 30 | 100 | ND | Р | Propoxur | 30 | 100 | ND | Р |
| Dimethoate | 30 | 100 | ND | Р | Pyrethrins | 30 | 100 | ND | Р |
| Dimethomorph | 30 | 100 | ND | Р | Pyridaben | 30 | 100 | ND | Р |
| Ethoprophos | 30 | 100 | ND | Р | Spinetoram | 30 | 100 | ND | Р |
| Etofenprox | 30 | 100 | ND | Р | Spinosad | 30 | 100 | ND | Р |
| Etoxazole | 30 | 100 | ND | Р | Spiromesifen | 30 | 100 | ND | Р |
| Fenhexamid | 30 | 100 | ND | Р | Spirotetramat | 30 | 100 | ND | Р |
| Fenoxycarb | 30 | 100 | ND | Р | Spiroxamine | 30 | 100 | ND | Р |
| Fenpyroximate | 30 | 100 | ND | Р | Tebuconazole | 30 | 100 | ND | Р |
| Fipronil | 30 | 100 | ND | Р | Thiacloprid | 30 | 100 | ND | Р |
| Flonicamid | 30 | 100 | ND | P | Thiamethoxam | 30 | 100 | ND | Р |
| Fludioxonil | 30 | 100 | ND | Р | Trifloxystrobin | 30 | 100 | ND | Р |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

Generated By: Ryan Bellone

CCO

Tested By: Anthony Mattingly Scientist Date: 12/16/2024





KCA La 232 North Nicholas

KCA Laboratories 232 North Plaza Drive Nicholasville, KY 40356

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5 of 8

Twenty One - Cartridges - 1ml - THCa + THCp - GG4 (Indica)

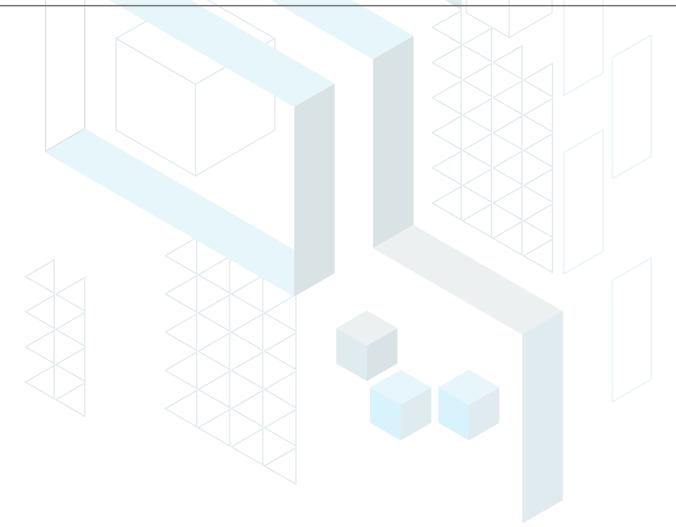
Sample ID: SA-241206-53172 Batch: 242240113807

Type: Finished Product - Inhalable Matrix: Concentrate - Distillate Unit Mass (g): Received: 12/09/2024 Completed: 12/16/2024 Client
Arvida Labs
1291 NW 65th PL Unit B
Fort Lauderdale, FL 33309

Mycotoxins by LC-MS/MS

| Analyte | LOD (ppb) | LOQ (ppb) | Result (ppb |) | P/F | |
|--------------|-----------|-----------|-------------|---|-----|--|
| B1 | 1 | 5 | ND | | Р | |
| B2 | 1 | 5 | ND | | Р | |
| G1 | 1 | 5 | ND | | Р | |
| G2 | 1 | 5 | ND | | Р | |
| Ochratoxin A | 1 | 5 | ND | | Р | |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



Generated By: Ryan Bellone CCO Tested By: Anthony Mattingly Scientist Date: 12/16/2024







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6 of 8

Twenty One - Cartridges - 1ml - THCa + THCp - GG4 (Indica)

Sample ID: SA-241206-53172 Batch: 242240113807

Type: Finished Product - Inhalable Matrix: Concentrate - Distillate

Unit Mass (g):

Received: 12/09/2024 Completed: 12/16/2024 Client

Arvida Labs 1291 NW 65th PL Unit B Fort Lauderdale, FL 33309

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Microbials by PCR and Plating

| Analyte | LOD (CFU/g) | Result (CFU/g) | Result (Qualitative) | P/F |
|--------------------------------------|-------------|----------------|-------------------------|-----|
| Total aerobic count | 10 | ND | | Р |
| Aspergillus flavus | 1 | | Not Detected per 1 gram | Р |
| Aspergillus fumigatus | 1 | | Not Detected per 1 gram | Р |
| Aspergillus niger | 1 | | Not Detected per 1 gram | P |
| Aspergillus terreus | 1 | | Not Detected per 1 gram | Р |
| Total coliforms | 10 | ND | | Р |
| Generic E. coli | 10 | ND | | Р |
| Salmonella spp. | 1 | | Not Detected per 1 gram | Р |
| Shiga-toxin producing E. coli (STEC) | 1 | | Not Detected per 1 gram | Р |
| Total yeast and mold count (TYMC) | 10 | ND | | P |
| | | | | |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit

RA

Generated By: Ryan Bellone

CCO Date: 12/16/2024 Natalia Wright

Tested By: Natalia Wright Laboratory Technician Date: 12/16/2024







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7 of 8

Twenty One - Cartridges - 1ml - THCa + THCp - GG4 (Indica)

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Unit Mass (g):

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Arvida Labs 1291 NW 65th PL Unit B Fort Lauderdale, FL 33309

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Residual Solvents by HS-GC-MS

| Analyte | LOD (ppm) | LOQ (ppm) | Result (ppm) | P/F | Analyte | LOD (ppm) | LOQ (ppm) | Result (ppm) | P/F |
|-----------------------|--------------|--------------|-----------------|-----|--------------------------|--------------|--------------|-----------------|-----|
| Acetone | 167 | 500 | ND | P | Ethylene Oxide | 0.5 | 1 | ND ND | Р |
| Acetonitrile | 14 | 41 | ND | Р | Heptane | 167 | 500 | ND | Р |
| Benzene | 0.5 | 1 | ND | Р | n-Hexane | 10 | 29 | ND | Р |
| Butane | 167 | 500 | ND | Р | Isobutane | 167 | 500 | ND | Р |
| 1-Butanol | 167 | 500 | ND | Р | Isopropyl Acetate | 167 | 500 | ND | Р |
| 2-Butanol | 167 | 500 | ND | Р | Isopropyl Alcohol | 167 | 500 | ND | Р |
| 2-Butanone | 167 | 500 | ND | Р | Isopropylbenzene | 167 | 500 | ND | Р |
| Chloroform | 2 | 6 | ND | Р | Methanol | 100 | 300 | ND | Р |
| Cyclohexane | 129 | 388 | ND | Р | 2-Methylbutane | 10 | 29 | ND | Р |
| 1,2-Dichloroethane | 0.5 | 1 | ND | Р | Methylene Chloride | 20 | 60 | ND | Р |
| 1,2-Dimethoxyethane | 4 | 10 | ND | Р | 2-Methylpentane | 10 | 29 | ND | Р |
| Dimethyl Sulfoxide | 167 | 500 | ND | Р | 3-Methylpentane | 10 | 29 | ND | Р |
| N,N-Dimethylacetamide | 37 | 109 | ND | Р | n-Pentane | 167 | 500 | ND | Р |
| 2,2-Dimethylbutane | 10 | 29 | ND | Р | 1-Pentanol | 167 | 500 | ND | Р |
| 2,3-Dimethylbutane | 10 | 29 | ND | Р | n-Propane | 167 | 500 | ND | Р |
| N,N-Dimethylformamide | 30 | 88 | ND | Р | 1-Propanol | 167 | 500 | ND | Р |
| 2,2-Dimethylpropane | 167 | 500 | ND | Р | Pyridine | 7 | 20 | ND | Р |
| 1,4-Dioxane | 13 | 38 | ND | Р | Tetrahydrofuran | 24 | 72 | ND | Р |
| Ethanol | 167 | 500 | ND | Р | Toluene | 30 | 89 | ND | Р |
| 2-Ethoxyethanol | 6 | 16 | ND | Р | Trichloroethylene | 3 | 8 | ND | Р |
| Ethyl Acetate | 167 | 500 | ND | Р | Xylenes (o-, m-, and p-) | 73 | 217 | ND | Р |
| Ethyl Ether | 167 | 500 | ND | Р | | | | | |
| Ethylbenzene | 3 | 7 | ND | Р | | | | | |

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Red

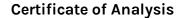
Generated By: Ryan Bellone CCO Kelsey Rogers

Tested By: Kelsey Rogers Scientist Date: 12/13/2024



Date: 12/16/2024

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8 of 8

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Reporting Limit Appendix

Heavy Metals - KY 902 KAR 45:190

| Analyte | Limit (pp | om) Analyte | Limit (ppm) |
|---------|-----------|-------------|-------------|
| Arsenic | 1.5 | Lead | 0.5 |
| Cadmium | 0.5 | Mercury | 1.5 |

Microbials -

| Analyte | Limit (CFU/ | Analyte | Limit (CFU/ g) |
|----------------------------|-------------|---------------------|-------------------|
| Total coliforms | 100 | Total aerobic count | 10000 |
| Total yeast and mold count | 1000 | | |

Residual Solvents - USP 467

| Analyte | Limit (ppm) | Analyte | Limit (ppm) |
|-----------------------|-------------|--------------------------|-------------|
| Acetone | 5000 | Ethylene Oxide | 1 |
| Acetonitrile | 410 | Heptane | 5000 |
| Benzene | 2 | n-Hexane | 290 |
| Butane | 5000 | Isobutane | 5000 |
| 1-Butanol | 5000 | Isopropyl Acetate | 5000 |
| 2-Butanol | 5000 | Isopropyl Alcohol | 5000 |
| 2-Butanone | 5000 | Isopropylbenzene | 5000 |
| Chloroform | 60 | Methanol | 3000 |
| Cyclohexane | 3880 | 2-Methylbutane | 290 |
| 1,2-Dichloroethane | 5 | Methylene Chloride | 600 |
| 1,2-Dimethoxyethane | 100 | 2-Methylpentane | 290 |
| Dimethyl Sulfoxide | 5000 | 3-Methylpentane | 290 |
| N,N-Dimethylacetamide | 1090 | n-Pentane | 5000 |
| 2,2-Dimethylbutane | 290 | 1-Pentanol | 5000 |
| 2,3-Dimethylbutane | 290 | n-Propane | 5000 |
| N,N-Dimethylformamide | 880 | 1-Propanol | 5000 |
| 2,2-Dimethylpropane | 5000 | Pyridine | 200 |
| 1,4-Dioxane | 380 | Tetrahydrofuran | 720 |
| Ethanol | 5000 | Toluene | 890 |
| 2-Ethoxyethanol | 160 | Trichloroethylene | 80 |
| Ethyl Acetate | 5000 | Xylenes (o-, m-, and p-) | 2170 |
| Ethyl Ether | 5000 | | |
| Ethylbenzene | 70 | | |
| | | | |

Pesticides - CA DCC

| Analyte | Limit (ppb) | Analyte | Limit (ppb) |
|----------------------|-------------|--------------------|-------------|
| Abamectin | 300 | Hexythiazox | 2000 |
| Acephate | 5000 | Imazalil | 30 |
| Acetamiprid | 5000 | Imidacloprid | 3000 |
| Aldicarb | 30 | Kresoxim methyl | 1000 |
| Azoxystrobin | 40000 | Malathion | 5000 |
| Bifenazate | 5000 | Metalaxyl | 15000 |
| Bifenthrin | 500 | Methiocarb | 30 |
| Boscalid | 10000 | Methomyl | 100 |
| Carbaryl | 500 | Mevinphos | 30 |
| Carbofuran | 30 | Myclobutanil | 9000 |
| Chloranthraniliprole | 40000 | Naled | 500 |
| Chlorfenapyr | 30 | Oxamyl | 200 |
| Chlorpyrifos | 30 | Paclobutrazol | 30 |
| Clofentezine | 500 | Permethrin | 20000 |
| Coumaphos | 30 | Phosmet | 200 |
| Cypermethrin | 1000 | Piperonyl Butoxide | 8000 |
| Diazinon | 200 | Propiconazole | 20000 |
| Dichlorvos | 30 | Propoxur | 30 |
| Dimethoate | 30 | Pyrethrins | 1000 |
| Dimethomorph | 20000 | Pyridaben | 3000 |
| Ethoprophos | 30 | Spinetoram | 3000 |
| Etofenprox | 30 | Spinosad | 3000 |
| Etoxazole | 1500 | Spiromesifen | 12000 |
| Fenhexamid | 10000 | Spirotetramat | 13000 |
| Fenoxycarb | 30 | Spiroxamine | 30 |
| Fenpyroximate | 2000 | Tebuconazole | 2000 |
| Fipronil | 30 | Thiacloprid | 30 |
| Flonicamid | 2000 | Thiamethoxam | 4500 |
| Fludioxonil | 30000 | Trifloxystrobin | 30000 |
| | | | |

Mycotoxins - Colorado CDPHE

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

