

100mg Full Spec Softgel

Sample ID: SA-250703-64654

Batch: 505002

Type: Finished Product - Ingestible

Matrix: Edible - Gel

Unit Mass (g): 0.90763

Received: 07/07/2025
Completed: 07/11/2025

Summary
Test

Cannabinoids by HPLC-PDA
Heavy Metals
Microbials
Mycotoxins
Pesticides
Residual Solvents

Date Tested
07/10/2025
07/09/2025
07/11/2025
07/09/2025
07/09/2025
07/09/2025

Status
Tested
Tested
Tested
Tested
Tested
Tested

0.211 %

Total Δ9-THC

11.0 %

CBD

11.7 %

Total Cannabinoids

Not Tested

Moisture Content

Not Tested

Foreign Matter

Yes

Internal Standard
Normalization

Cannabinoids by HPLC-PDA

| Analyte | LOD (%) | LOQ (%) | Result (%) | Result (mg/unit) |
|---------------------|---------|---------|--------------|------------------|
| CBC | 0.00095 | 0.00284 | 0.134 | 1.21 |
| CBCA | 0.00181 | 0.00543 | ND | ND |
| CBCV | 0.0006 | 0.0018 | ND | ND |
| CBD | 0.00081 | 0.00242 | 11.0 | 100 |
| CBDA | 0.00043 | 0.0013 | ND | ND |
| CBDV | 0.00061 | 0.00182 | 0.111 | 1.01 |
| CBDVA | 0.00021 | 0.00063 | ND | ND |
| CBG | 0.00057 | 0.00172 | 0.0684 | 0.621 |
| CBGA | 0.00049 | 0.00147 | ND | ND |
| CBL | 0.00112 | 0.00335 | ND | ND |
| CBLA | 0.00124 | 0.00371 | ND | ND |
| CBN | 0.00056 | 0.00169 | 0.0355 | 0.322 |
| CBNA | 0.0006 | 0.00181 | ND | ND |
| CBT | 0.0018 | 0.0054 | 0.104 | 0.945 |
| Δ8-THC | 0.00104 | 0.00312 | ND | ND |
| Δ9-THC | 0.00076 | 0.00227 | 0.211 | 1.91 |
| Δ9-THCA | 0.00084 | 0.00251 | ND | ND |
| Δ9-THCV | 0.00069 | 0.00206 | ND | ND |
| Δ9-THCVA | 0.00062 | 0.00186 | 0.211 | 1.91 |
| Total Δ9-THC | | | 0.211 | 1.91 |
| Total | | | 11.7 | 106 |

ND = Not Detected; NT = Not Tested; 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;



Generated By: Ryan Bellone
Commercial Director
Date: 07/11/2025



Tested By: Kelsey Rogers
Scientist
Date: 07/10/2025

ISO/IEC 17025:2017 Accredited
Accreditation #108651


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Heavy Metals by ICP-MS

| Analyte | LOD (ppm) | LOQ (ppm) | Result (ppm) |
|---------|-----------|-----------|--------------|
| Arsenic | 0.002 | 0.02 | <LOQ |
| Cadmium | 0.001 | 0.02 | ND |
| Lead | 0.002 | 0.02 | ND |
| Mercury | 0.012 | 0.05 | ND |

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Generated By: Ryan Bellone
Commercial Director
Date: 07/11/2025


Tested By: Chris Farman
Scientist
Date: 07/09/2025



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

| Analyte | LOD (ppb) | LOQ (ppb) | Result (ppb) | Analyte | LOD (ppb) | LOQ (ppb) | Result (ppb) |
|---------------------|-----------|-----------|--------------|--------------------|-----------|-----------|--------------|
| Abamectin | 30 | 100 | ND | Hexythiazox | 30 | 100 | ND |
| Acephate | 30 | 100 | ND | Imazalil | 30 | 100 | ND |
| Acetamiprid | 30 | 100 | ND | Imidacloprid | 30 | 100 | ND |
| Aldicarb | 30 | 100 | ND | Kresoxim methyl | 30 | 100 | ND |
| Azoxystrobin | 30 | 100 | ND | Malathion | 30 | 100 | ND |
| Bifenazate | 30 | 100 | ND | Metalaxyl | 30 | 100 | ND |
| Boscalid | 30 | 100 | ND | Methiocarb | 30 | 100 | ND |
| Carbaryl | 30 | 100 | ND | Methomyl | 30 | 100 | ND |
| Carbofuran | 30 | 100 | ND | Mevinphos | 30 | 100 | ND |
| Chlorantraniliprole | 30 | 100 | ND | Myclobutanil | 30 | 100 | ND |
| Chlорfenapyr | 30 | 100 | ND | Oxamyl | 30 | 100 | ND |
| Clofentezine | 30 | 100 | ND | Paclobutrazol | 30 | 100 | ND |
| Coumaphos | 30 | 100 | ND | Phosmet | 30 | 100 | ND |
| Daminozide | 30 | 100 | ND | Piperonyl Butoxide | 30 | 100 | ND |
| Diazinon | 30 | 100 | ND | Propiconazole | 30 | 100 | ND |
| Dichlorvos | 30 | 100 | ND | Propoxur | 30 | 100 | ND |
| Dimethoate | 30 | 100 | ND | Pyridaben | 30 | 100 | ND |
| Dimethomorph | 30 | 100 | ND | Spinetoram | 30 | 100 | ND |
| Ethoprophos | 30 | 100 | ND | Spinosad | 30 | 100 | ND |
| Etofenprox | 30 | 100 | ND | Spirotetramat | 30 | 100 | ND |
| Etoxazole | 30 | 100 | ND | Spiroxamine | 30 | 100 | ND |
| Fenhexamid | 30 | 100 | ND | Tebuconazole | 30 | 100 | ND |
| Fenoxy carb | 30 | 100 | ND | Thiaclorpid | 30 | 100 | ND |
| Fenpyroximate | 30 | 100 | ND | Thiamethoxam | 30 | 100 | ND |
| Fipronil | 30 | 100 | ND | Trifloxystrobin | 30 | 100 | ND |
| Flonicamid | 30 | 100 | ND | | | | |
| Fludioxonil | 30 | 100 | ND | | | | |

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 Generated By: Ryan Bellone
 Commercial Director
 Date: 07/11/2025


 Tested By: Anthony Mattingly
 Scientist
 Date: 07/09/2025


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Mycotoxins by LC-MS/MS

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

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
 Commercial Director

Date: 07/11/2025


 Tested By: Anthony Mattingly
 Scientist

Date: 07/09/2025



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Microbials by PCR and Plating

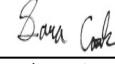
| Analyte | LOD (CFU/g) | Result (CFU/g) | Result (Qualitative) |
|--------------------------------------|-------------|----------------|-------------------------|
| Total aerobic count | 10 | 10.0 | |
| Total coliforms | 10 | ND | |
| Generic E. coli | 10 | ND | |
| Listeria mono. | 1 | | Not Detected per 1 gram |
| Salmonella spp. | 1 | | Not Detected per 1 gram |
| Shiga-toxin producing E. coli (STEC) | 1 | | Not Detected per 1 gram |
| Total yeast and mold count (TYMC) | 10 | ND | |

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



 Generated By: Ryan Bellone
 Commercial Director

Date: 07/11/2025



 Tested By: Sara Cook
 Laboratory Technician

Date: 07/11/2025



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Residual Solvents by HS-GC-MS

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

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 Generated By: Ryan Bellone
 Commercial Director
 Date: 07/11/2025



 Tested By: Kelsey Rogers
 Scientist
 Date: 07/09/2025

This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 17025:2017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.

