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

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https://kcalabs.com
KDA Lic.# P_0058

# Certificate of Analysis



## 3Chi Creativity Vape

Sample ID: SA-260903-85709
Batch: 02SEP2026-TN-CREAT
Type: Finished Product - Inhalable
Matrix: Concentrate - Vape
Unit Size (g):

Collected: 09/03/2026
Received: 09/04/2026
Completed: 09/18/2026

**Manufacturer**
none

**Client**
3Chi
275 Medical Dr #857
Carmel, IN 46082
USA
Lic. #: 18_0235




## Summary

| Test | Date | Status |
|---|---|---|
| Cannabinoids | 09/10/2026 | Tested |
| Foreign Matter | 09/08/2026 | Tested |
| Heavy Metals | 09/18/2026 | Tested |
| Microbials | 09/15/2026 | Tested |
| Mycotoxins | 09/09/2026 | Tested |
| Pesticides | 09/09/2026 | Tested |
| Residual Solvents | 09/09/2026 | Tested |

| ND | 87.5 % | 94.8 % | Not Tested | Not Detected | Yes |
|---|---|---|---|---|---|
| Total Δ9-THC | Δ8-THC | Total Cannabinoids | Moisture Content | Foreign Matter | Internal Standard Normalization |

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

| Analyte | LOD (%) | LOQ (%) | Result (%) | Result (mg/g) |
|---|---|---|---|---|
| CBC | 0.0095 | 0.0284 | 3.77 | 37.7 |
| CBCA | 0.0181 | 0.0543 | ND | ND |
| CBCV | 0.006 | 0.018 | ND | ND |
| CBD | 0.0081 | 0.0242 | 0.928 | 9.28 |
| CBDA | 0.0043 | 0.013 | ND | ND |
| CBDB | 0.0133 | 0.04 | ND | ND |
| CBD-C8 | 0.0133 | 0.04 | ND | ND |
| CBDH | 0.0133 | 0.04 | ND | ND |
| CBDP | 0.0133 | 0.04 | ND | ND |
| CBDV | 0.0061 | 0.0182 | ND | ND |
| CBDVA | 0.0021 | 0.0063 | ND | ND |
| CBD diacetate | 0.0133 | 0.04 | ND | ND |
| CBG | 0.0057 | 0.0172 | 2.05 | 20.5 |
| CBGA | 0.0049 | 0.0147 | ND | ND |
| CBG diacetate | 0.0133 | 0.04 | ND | ND |
| CBL | 0.0112 | 0.0335 | ND | ND |
| CBLA | 0.0124 | 0.0371 | ND | ND |
| CBN | 0.0056 | 0.0169 | 0.122 | 1.22 |
| CBN acetate | 0.0133 | 0.04 | ND | ND |
| CBNA | 0.006 | 0.0181 | ND | ND |
| CBP | 0.0133 | 0.04 | ND | ND |
| CBT | 0.018 | 0.054 | ND | ND |
| Δ4,8-iso-THC | 0.0133 | 0.04 | ND | ND |
| Δ6a,10a-THC | 0.0133 | 0.04 | ND | ND |
| Δ8-iso-THC | 0.0133 | 0.04 | ND | ND |

Cannabinoid results continued on next page...

Generated By: Jasper van Heemst
Assistant Scientific Director
Date: 09/18/2026

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| Analyte | LOD (%) | LOQ (%) | Result (%) | Result (mg/g) |
|---|---|---|---|---|
| Δ8-THC | 0.0104 | 0.0312 | 87.5 | 875 |
| Δ8-THC acetate | 0.0133 | 0.04 | ND | ND |
| Δ8-THCB | 0.0133 | 0.04 | ND | ND |
| Δ8-THC-C8 | 0.0133 | 0.04 | ND | ND |
| Δ8-THCH | 0.0133 | 0.04 | ND | ND |
| Δ8-THCP | 0.0133 | 0.04 | ND | ND |
| Δ8-THCV | 0.0133 | 0.04 | 0.420 | 4.21 |
| Δ9-THC | 0.0076 | 0.0227 | ND | ND |
| Δ9-THC acetate | 0.0133 | 0.04 | ND | ND |
| Δ9-THCA | 0.0084 | 0.0251 | ND | ND |
| Δ9-THCB | 0.0133 | 0.04 | ND | ND |
| Δ9-THC-C8 | 0.0133 | 0.04 | ND | ND |
| Δ9-THCH | 0.0133 | 0.04 | ND | ND |
| Δ9-THCP | 0.0133 | 0.04 | ND | ND |
| Δ9-THCV | 0.0069 | 0.0206 | ND | ND |
| Δ9-THCVA | 0.0062 | 0.0186 | ND | ND |
| (6aR,9R)-Δ10-THC | 0.0133 | 0.04 | ND | ND |
| (6aR,9S)-Δ10-THC | 0.0133 | 0.04 | ND | ND |
| exo-THC | 0.0133 | 0.04 | ND | ND |
| (6aR,9R,10aR)-HHC | 0.0133 | 0.04 | ND | ND |
| (6aR,9S,10aR)-HHC | 0.0133 | 0.04 | ND | ND |
| (6aR,9R,10aR)-HHC acetate | 0.0133 | 0.04 | ND | ND |
| (6aR,9S,10aR)-HHC acetate | 0.0133 | 0.04 | ND | ND |
| **Total Δ9-THC** | | | **ND** | **ND** |
| **Total** | | | **94.8** | **948** |

ND = Not Detected; NR = (Spike) Not Recoverable, sample matrix interference present which may affect accuracy of results; NT = Not Tested; UA = Unsuitable for Analysis; 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: Jasper van Heemst
Assistant Scientific Director
Date: 09/18/2026

Tested By: Kelsey Rogers
Senior Scientist
Date: 09/10/2026

ISO/IEC 17025:2017 Accredited
Accreditation #108651

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none

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3Chi
275 Medical Dr #857
Carmel, IN 46082
USA
Lic. #: 18_0235

## Heavy Metals by ICP-MS

| Analyte | LOD (ppm) | LOQ (ppm) | Result (ppm) |
|---|---|---|---|
| Arsenic | 0.002 | 0.02 | ND |
| Cadmium | 0.002 | 0.02 | ND |
| Lead | 0.005 | 0.05 | ND |
| Mercury | 0.005 | 0.01 | 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

Generated By: Jasper van Heemst
Assistant Scientific Director
Date: 09/18/2026

Tested By: Annie Velazquez
Assistant Scientist
Date: 09/18/2026

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**Manufacturer**
none

**Client**
3Chi
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Carmel, IN 46082
USA
Lic. #: 18_0235

## 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 |
| Acequinocyl | 30 | 100 | ND* | Imidacloprid | 30 | 100 | ND |
| Acetamiprid | 30 | 100 | ND | Kresoxim methyl | 30 | 100 | ND |
| Aldicarb | 30 | 100 | ND | Malathion | 30 | 100 | ND |
| Azoxystrobin | 30 | 100 | ND | Metalaxyl | 30 | 100 | ND |
| Bifenazate | 30 | 100 | ND | Methiocarb | 30 | 100 | ND |
| Bifenthrin | 30 | 100 | ND | Methomyl | 30 | 100 | ND |
| Boscalid | 30 | 100 | ND | Methyl parathion | 30 | 100 | ND* |
| Captan | 30 | 100 | ND* | Mevinphos | 30 | 100 | ND |
| Carbaryl | 30 | 100 | ND | MGK-264 | 30 | 100 | ND* |
| Carbofuran | 30 | 100 | ND | Myclobutanil | 30 | 100 | ND |
| Chloranthraniliprole | 30 | 100 | ND | Naled | 30 | 100 | ND |
| Chlordane | 30 | 100 | ND* | Oxamyl | 30 | 100 | ND |
| Chlorfenapyr | 30 | 100 | ND | Paclobutrazol | 30 | 100 | ND |
| Chlormequat chloride | 30 | 100 | ND | Pentachloronitrobenzene | 30 | 100 | ND* |
| Chlorpyrifos | 30 | 100 | ND | Permethrin | 30 | 100 | ND |
| Clofentezine | 30 | 100 | ND | Phosmet | 30 | 100 | ND |
| Coumaphos | 30 | 100 | ND | Piperonyl Butoxide | 30 | 100 | ND |
| Cyfluthrin | 30 | 100 | ND* | Prallethrin | 30 | 100 | ND |
| Cypermethrin | 30 | 100 | ND* | Propiconazole | 30 | 100 | ND |
| Daminozide | 30 | 100 | ND | Propoxur | 30 | 100 | ND |
| Diazinon | 30 | 100 | ND | Pyrethrins | 30 | 100 | ND |
| DDVP (Dichlorvos) | 30 | 100 | ND | Pyridaben | 30 | 100 | ND |
| Dimethoate | 30 | 100 | ND | Spinetoram | 30 | 100 | ND |
| Dimethomorph | 30 | 100 | ND | Spinosad | 30 | 100 | ND |
| Ethoprophos | 30 | 100 | ND | Spiromesifen | 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 |
| Fenoxycarb | 30 | 100 | ND | Thiacloprid | 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 | | | | |

ND = Not Detected; ND* = not detected per method; NT = Not Tested; UA = Unsuitable for Analysis; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

Generated By: Jasper van Heemst
Assistant Scientific Director
Date: 09/18/2026

Authorized By: Jasper van Heemst
Assistant Scientific Director
Date: 09/09/2026

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Completed: 09/18/2026

**Manufacturer**
none

**Client**
3Chi
275 Medical Dr #857
Carmel, IN 46082
USA
Lic. #: 18_0235

## 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 |

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Generated By: Jasper van Heemst
Assistant Scientific Director
Date: 09/18/2026

Tested By: Jasper van Heemst
Assistant Scientific Director
Date: 09/09/2026

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**Client**
3Chi
275 Medical Dr #857
Carmel, IN 46082
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## Microbials by PCR and Plating

| Analyte | LOD (CFU/g) | Result (CFU/g) | Result (Qualitative) |
|---|---|---|---|
| Total aerobic count | 10 | ND | |
| Aspergillus flavus | 1 | | Not Detected per 1 gram |
| Aspergillus fumigatus | 1 | | Not Detected per 1 gram |
| Aspergillus niger | 1 | | Not Detected per 1 gram |
| Aspergillus terreus | 1 | | Not Detected per 1 gram |
| Total coliforms | 10 | ND | |
| Generic E. coli | 10 | ND | |
| 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; 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

Generated By: Jasper van Heemst
Assistant Scientific Director
Date: 09/18/2026

Tested By: Bryce McPherson
Laboratory Technician
Date: 09/15/2026

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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 | 33 | 100 | ND | Ethylene Oxide | 0.5 | 1 | ND |
| Acetonitrile | 14 | 41 | ND | Heptane | 33 | 100 | ND |
| Benzene | 0.5 | 1 | ND | n-Hexane | 2 | 6 | ND |
| Butane | 33 | 100 | ND | Isobutane | 33 | 100 | 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 | 20 | 60 | 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 | 2 | 6 | ND |
| Dimethyl Sulfoxide | 167 | 500 | ND | 3-Methylpentane | 2 | 6 | ND |
| N,N-Dimethylacetamide | 37 | 109 | ND | n-Pentane | 33 | 100 | ND |
| 2,2-Dimethylbutane | 2 | 6 | ND | 1-Pentanol | 167 | 500 | ND |
| 2,3-Dimethylbutane | 2 | 6 | ND | n-Propane | 33 | 100 | 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 | 6 | 18 | ND |
| 2-Ethoxyethanol | 6 | 16 | ND | Trichloroethylene | 3 | 8 | ND |
| Ethyl Acetate | 33 | 100 | <LOQ | Xylenes (o-, m-, and p-) | 14 | 43 | ND |
| Ethyl Ether | 167 | 500 | ND | | | | |
| Ethylbenzene | 3 | 7 | ND | | | | |

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Generated By: Jasper van Heemst
Assistant Scientific Director
Date: 09/18/2026

Tested By: Kelsey Rogers
Senior Scientist
Date: 09/09/2026

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# 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 |
| Total yeast and mold count (TYMC) | 100000 | | |

### 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 | 1000 | 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 |
| 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 | Methyl parathion | 200 |
| Captan | | Mevinphos | |
| Carbaryl | 200 | MGK-264 | |
| Carbofuran | 200 | Myclobutanil | 200 |
| Chloranthraniliprole | 200 | Naled | 500 |
| Chlordane | | Oxamyl | 1000 |
| Chlorfenapyr | 1000 | Paclobutrazol | 400 |
| Chlorpyrifos | 200 | Pentachloronitrobenzene | |
| Clofentezine | 200 | Permethrin | 200 |
| Chlormequat chloride | 200 | Phosmet | 200 |
| Coumaphos | | Piperonyl Butoxide | 2000 |
| Cyfluthrin | 1000 | 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 | | |

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. ID:93_11