

### 3CHI Soothe Tincture- 6000mg

Sample ID: SA-250411-60237  
 Batch: 10APR25-TINSO6000  
 Type: Finished Product - Ingestible  
 Matrix: Oil / Liquid - MCT Oil  
 Unit Mass (g):

Received: 04/17/2025  
 Completed: 04/29/2025

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



### Summary

| Test              | Date Tested | Status |
|-------------------|-------------|--------|
| Cannabinoids      | 04/29/2025  | Tested |
| Heavy Metals      | 04/24/2025  | Tested |
| Microbials        | 04/24/2025  | Tested |
| Mycotoxins        | 04/23/2025  | Tested |
| Pesticides        | 04/23/2025  | Tested |
| Residual Solvents | 04/23/2025  | Tested |

|                                     |                         |                                        |                                       |                                     |                                               |
|-------------------------------------|-------------------------|----------------------------------------|---------------------------------------|-------------------------------------|-----------------------------------------------|
| <b>0.0615 mg/mL</b><br>Total Δ9-THC | <b>163 mg/mL</b><br>CBD | <b>191 mg/mL</b><br>Total Cannabinoids | <b>Not Tested</b><br>Moisture Content | <b>Not Tested</b><br>Foreign Matter | <b>Yes</b><br>Internal Standard Normalization |
|-------------------------------------|-------------------------|----------------------------------------|---------------------------------------|-------------------------------------|-----------------------------------------------|

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

| Analyte             | LOD (mg/mL) | LOQ (mg/mL) | Result (mg/mL) | Result (%)     | Result (mg/unit) |
|---------------------|-------------|-------------|----------------|----------------|------------------|
| CBC                 | 0.00095     | 0.00284     | 9.03           | 0.947          | 271              |
| CBCA                | 0.00181     | 0.00543     | ND             | ND             | ND               |
| CBCV                | 0.0006      | 0.0018      | ND             | ND             | ND               |
| CBD                 | 0.00081     | 0.00242     | 163            | 17.1           | 4890             |
| CBD A               | 0.00043     | 0.0013      | ND             | ND             | ND               |
| CBDV                | 0.00061     | 0.00182     | 0.710          | 0.0745         | 21.3             |
| CBDVA               | 0.00021     | 0.00063     | ND             | ND             | ND               |
| CBG                 | 0.00057     | 0.00172     | 2.73           | 0.287          | 82.0             |
| CBGA                | 0.00049     | 0.00147     | ND             | ND             | ND               |
| CBL                 | 0.00112     | 0.00335     | ND             | ND             | ND               |
| CBLA                | 0.00124     | 0.00371     | ND             | ND             | ND               |
| CBN                 | 0.00056     | 0.00169     | 9.06           | 0.950          | 272              |
| CBNA                | 0.0006      | 0.00181     | ND             | ND             | ND               |
| CBT                 | 0.0018      | 0.0054      | 6.43           | 0.674          | 193              |
| Δ4,8-iso-THC        | 0.00067     | 0.002       | ND             | ND             | ND               |
| Δ8-iso-THC          | 0.00067     | 0.002       | ND             | ND             | ND               |
| Δ8-THC              | 0.00104     | 0.00312     | ND             | ND             | ND               |
| Δ8-THCV             | 0.00067     | 0.002       | ND             | ND             | ND               |
| Δ9-THC              | 0.00076     | 0.00227     | 0.0615         | 0.00645        | 1.84             |
| Δ9-THCA             | 0.00084     | 0.00251     | ND             | ND             | ND               |
| Δ9-THCV             | 0.00069     | 0.00206     | ND             | ND             | ND               |
| Δ9-THCVA            | 0.00062     | 0.00186     | ND             | ND             | ND               |
| exo-THC             | 0.00067     | 0.002       | ND             | ND             | ND               |
| <b>Total Δ9-THC</b> |             |             | <b>0.0615</b>  | <b>0.00645</b> | <b>1.84</b>      |
| <b>Total</b>        |             |             | <b>191</b>     | <b>20.0</b>    | <b>5730</b>      |

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: 04/29/2025



Tested By: Scott Caudill  
 Laboratory Manager  
 Date: 04/29/2025



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      | ND           |
| 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: 04/29/2025



Tested By: Chris Farman  
 Scientist  
 Date: 04/24/2025



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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           | Imazalil           | 30        | 100       | ND           |
| Acephate             | 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           | Metaxyl            | 30        | 100       | ND           |
| Bifenazate           | 30        | 100       | ND           | Methiocarb         | 30        | 100       | ND           |
| Bifenthrin           | 30        | 100       | ND           | Methomyl           | 30        | 100       | ND           |
| Boscalid             | 30        | 100       | ND           | Mevinphos          | 30        | 100       | ND           |
| Carbaryl             | 30        | 100       | ND           | Myclobutanil       | 30        | 100       | ND           |
| Carbofuran           | 30        | 100       | ND           | Naled              | 30        | 100       | ND           |
| Chloranthraniliprole | 30        | 100       | ND           | Oxamyl             | 30        | 100       | ND           |
| Chlorfenapyr         | 30        | 100       | ND           | Paclobutrazol      | 30        | 100       | ND           |
| Coumaphos            | 30        | 100       | ND           | Phosmet            | 30        | 100       | ND           |
| Diazinon             | 30        | 100       | ND           | Piperonyl Butoxide | 30        | 100       | ND           |
| Dichlorvos           | 30        | 100       | ND           | Propiconazole      | 30        | 100       | ND           |
| Dimethoate           | 30        | 100       | ND           | Propoxur           | 30        | 100       | ND           |
| Dimethomorph         | 30        | 100       | ND           | Pyridaben          | 30        | 100       | ND           |
| Ethoprophos          | 30        | 100       | ND           | Spinetoram         | 30        | 100       | ND           |
| Etofenprox           | 30        | 100       | ND           | Spinosad           | 30        | 100       | ND           |
| Etoxazole            | 30        | 100       | ND           | Spirotetramat      | 30        | 100       | ND           |
| Fenhexamid           | 30        | 100       | ND           | Spiroxamine        | 30        | 100       | ND           |
| Fenoxycarb           | 30        | 100       | ND           | Tebuconazole       | 30        | 100       | ND           |
| Fenpyroximate        | 30        | 100       | ND           | Thiacloprid        | 30        | 100       | ND           |
| Fipronil             | 30        | 100       | ND           | Thiamethoxam       | 30        | 100       | ND           |
| Flonicamid           | 30        | 100       | ND           | Trifloxystrobin    | 30        | 100       | ND           |
| Fludioxonil          | 30        | 100       | 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: 04/29/2025



Tested By: Anthony Mattingly  
 Scientist  
 Date: 04/23/2025



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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: 04/29/2025



Tested By: Anthony Mattingly  
 Scientist  
 Date: 04/23/2025



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## Microbials by PCR and Plating

| Analyte                              | LOD (CFU/g) | Result (CFU/g) | Result (Qualitative)    |
|--------------------------------------|-------------|----------------|-------------------------|
| Total aerobic count                  | 10          | ND             |                         |
| 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 |

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: 04/29/2025



Tested By: Natalia Wright  
 Laboratory Technician  
 Date: 04/24/2025



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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: 04/29/2025



Tested By: Kelsey Rogers  
 Scientist  
 Date: 04/23/2025



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## Reporting Limit Appendix

### Heavy Metals - KY 902 KAR 45:190

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

### Microbials -

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

### 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) |
|----------------------|-------------|--------------------|-------------|
| Acetamidrid          | 5000        | Kresoxim methyl    | 1000        |
| Aldicarb             | 30          | Malathion          | 5000        |
| Azoxystrobin         | 40000       | Metaxyl            | 15000       |
| Bifenazate           | 5000        | Methiocarb         | 30          |
| Bifenthrin           | 500         | Methomyl           | 100         |
| Boscalid             | 10000       | Mevinphos          | 30          |
| Carbaryl             | 500         | Myclobutanil       | 9000        |
| Carbofuran           | 30          | Naled              | 500         |
| Chloranthraniliprole | 40000       | Oxamyl             | 200         |
| Chlorfenapyr         | 30          | Paclobutrazol      | 30          |
| Coumaphos            | 30          | Phosmet            | 200         |
| Diazinon             | 200         | Piperonyl Butoxide | 8000        |
| Dichlorvos           | 30          | Propiconazole      | 20000       |
| Dimethoate           | 30          | Propoxur           | 30          |
| Dimethomorph         | 20000       | Pyridaben          | 3000        |
| Ethoprophos          | 30          | Spinetoram         | 3000        |
| Etofenprox           | 30          | Spinosad           | 3000        |
| Etoazole             | 1500        | Spirotetramat      | 13000       |
| Fenhexamid           | 10000       | Spiroxamine        | 30          |
| Fenoxycarb           | 30          | Tebuconazole       | 2000        |
| Fenpyroximate        | 2000        | Thiacloprid        | 30          |
| Fipronil             | 30          | Thiamethoxam       | 4500        |
| Flonicamid           | 2000        | Trifloxystrobin    | 30000       |
| Fludioxonil          | 30000       |                    |             |

### Mycotoxins - Colorado CDPHE

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

### Pesticides - CA DCC

| Analyte   | Limit (ppb) | Analyte      | Limit (ppb) |
|-----------|-------------|--------------|-------------|
| Abamectin | 300         | Imazalil     | 30          |
| Acephate  | 5000        | Imidacloprid | 3000        |

