

## 3chi HHC Vape - Blue Dream

Sample ID: SA-211228-6367  
Batch: 211215 - HHCBD  
Type: Finished Products  
Matrix: Concentrate - Distillate

Received: 12/28/2021  
Completed: 01/12/2022

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



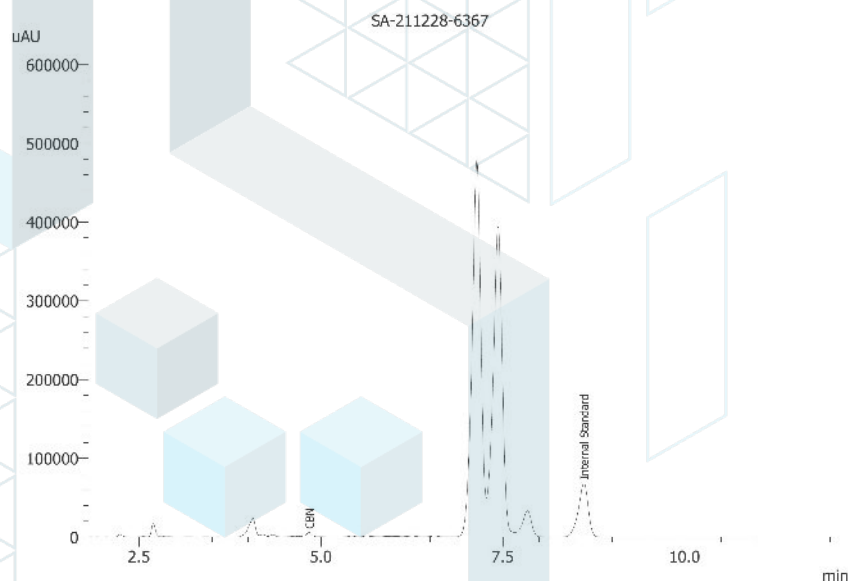
### Summary

| Test                      | Date Tested | Status |
|---------------------------|-------------|--------|
| Cannabinoids              | 01/07/2022  | Tested |
| Cannabinoids (Additional) | 01/07/2022  | Tested |
| Heavy Metals              | 01/07/2022  | Tested |
| Microbials                | 01/07/2022  | Tested |
| Mycotoxins                | 01/07/2022  | Tested |
| Pesticides                | 01/07/2022  | Tested |
| Residual Solvents         | 01/07/2022  | Tested |
| Terpenes                  | 01/12/2022  | Tested |

### Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

|              |                |                    |                   |                   |                           |
|--------------|----------------|--------------------|-------------------|-------------------|---------------------------|
| <b>ND</b>    | <b>0.193 %</b> | <b>0.193 %</b>     | <b>Not Tested</b> | <b>Not Tested</b> | <b>Yes</b>                |
| Total Δ9-THC | CBN            | Total Cannabinoids | Moisture Content  | Foreign Matter    | Internal Marker Recovered |

| Analyte             | LOD (%) | LOQ (%) | Result (%)   | Result (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  | ND           | ND            |
| CBDV                | 0.0043  | 0.013   | ND           | ND            |
| CBDVA               | 0.0061  | 0.0182  | ND           | ND            |
| CBDV                | 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  | 0.193        | 1.93          |
| CBNA                | 0.006   | 0.0181  | ND           | ND            |
| Δ8-THC              | 0.0104  | 0.0312  | ND           | ND            |
| Δ9-THC              | 0.0076  | 0.0227  | ND           | ND            |
| Δ9-THCA             | 0.0084  | 0.0251  | ND           | ND            |
| Δ9-THCV             | 0.0069  | 0.0206  | ND           | ND            |
| Δ9-THCVA            | 0.0062  | 0.0186  | ND           | ND            |
| <b>Total Δ9-THC</b> |         |         | <b>ND</b>    | <b>ND</b>     |
| <b>Total CBD</b>    |         |         | <b>ND</b>    | <b>ND</b>     |
| <b>Total</b>        |         |         | <b>0.193</b> | <b>1.93</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: 01/12/2022



Tested By: Scott Caudill  
Senior Scientist  
Date: 01/07/2022



ISO/IEC 17025:2017 Accredited  
Accreditation #108651



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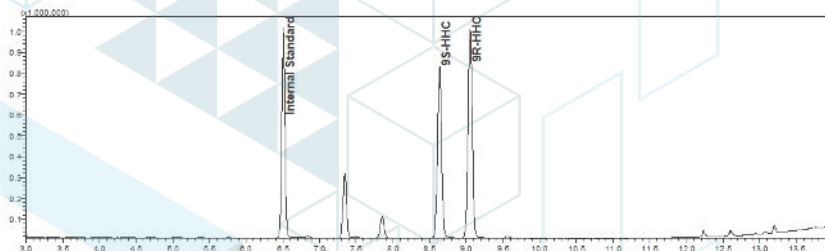
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## Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

| Analyte                              | LOD (%) | LOQ (%) | Result (%)  | Result (mg/g) |
|--------------------------------------|---------|---------|-------------|---------------|
| (9R)-HHC                             | 1.      | 5.      | 45.9        | 459.0         |
| (9S)-HHC                             | 1.      | 5.      | 41.4        | 414.0         |
| <b>Total Additional Cannabinoids</b> |         |         | <b>87.3</b> | <b>873.0</b>  |
| <b>Total</b>                         |         |         | <b>87.5</b> | <b>875.0</b>  |



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Commercial Director  
Date: 01/12/2022



Tested By: Jasper van Heemst  
Principal Scientist  
Date: 01/07/2022



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### Heavy Metals by ICP-MS

| Analyte | LOD (ppb) | LOQ (ppb) | Result (ppb) |
|---------|-----------|-----------|--------------|
| Arsenic | 2         | 20        | ND           |
| Cadmium | 1         | 20        | ND           |
| Lead    | 2         | 20        | ND           |
| Mercury | 12        | 50        | ND           |

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Generated By: Ryan Bellone  
Commercial Director  
Date: 01/12/2022

Tested By: Scott Caudill  
Senior Scientist  
Date: 01/07/2022



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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           |
| 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           | 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           |
| 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           |
| Cypermethrin         | 30        | 100       | ND           | Prallethrin        | 30        | 100       | ND           |
| Daminozide           | 30        | 100       | ND           | Propiconazole      | 30        | 100       | ND           |
| Diazinon             | 30        | 100       | ND           | Propoxur           | 30        | 100       | ND           |
| Dichlorvos           | 30        | 100       | ND           | Pyrethrins         | 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           | Spiromesifen       | 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           |
| Flonicamid           | 30        | 100       | ND           | Thiamethoxam       | 30        | 100       | ND           |
|                      |           |           |              | Trifloxystrobin    | 30        | 100       | ND           |

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Generated By: Ryan Bellone  
Commercial Director  
Date: 01/12/2022

Tested By: Scott Caudill  
Senior Scientist  
Date: 01/07/2022



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### Microbials by PCR and Plating

| Analyte                  | LOD (CFU/g) | Result (CFU/g) | Result (Qualitative)    |
|--------------------------|-------------|----------------|-------------------------|
| Coliforms                | 1           | ND             |                         |
| Aerobic Bacteria         | 1           | ND             |                         |
| Salmonella               |             |                | Not Detected per 1 gram |
| Total Enterobacteriaceae |             |                | Not Detected per 1 gram |

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Generated By: Ryan Bellone  
Commercial Director  
Date: 01/12/2022

Tested By: Alex Morris  
Quality Assurance Manager  
Date: 01/07/2022



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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           |

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### Residual Solvents by HS-GC-MS/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           | 130       | 388       | ND           | 2-Methylbutane           | 167       | 500       | 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           |
| N,N-Dimethylformamide | 30        | 88        | ND           | n-Propane                | 167       | 500       | ND           |
| 2,2-Dimethylpropane   | 167       | 500       | ND           | 1-Propanol               | 167       | 500       | ND           |
| 1,4-Dioxane           | 13        | 38        | ND           | Pyridine                 | 7         | 20        | ND           |
| Ethanol               | 167       | 500       | ND           | Tetrahydrofuran          | 24        | 72        | ND           |
| 2-Ethoxyethanol       | 6         | 16        | ND           | Toluene                  | 30        | 89        | ND           |
| Ethyl Acetate         | 167       | 500       | ND           | Trichloroethylene        | 3         | 8         | ND           |
| Ethyl Ether           | 167       | 500       | ND           | Tetramethylene Sulfone   | 6         | 16        | ND           |
| Ethylbenzene          | 3         | 7         | ND           | Xylenes (o-, m-, and p-) | 73        | 217       | ND           |
| Ethylene Glycol       | 21        | 62        | ND           |                          |           |           |              |

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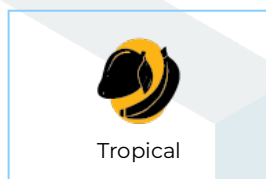
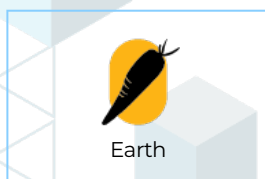
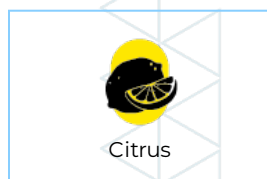
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## Terpenes by HS-GC-MS/MS

| Analyte             | LOD (%) | LOQ (%) | Result (%) | Analyte                   | LOD (%) | LOQ (%) | Result (%)  |
|---------------------|---------|---------|------------|---------------------------|---------|---------|-------------|
| α-Bisabolol         | 0.00001 | 0.00005 | 0.000346   | Limonene                  | 0.00001 | 0.00001 | 0.651364    |
| (+)-Borneol         | 0.00001 | 0.00005 | 0.000184   | Linalool                  | 0.00001 | 0.00001 | 0.155747    |
| Camphene            | 0.00001 | 0.00005 | 0.043766   | β-myrcene                 | 0.00001 | 0.00001 | 0.323818    |
| Camphor             | 0.00001 | 0.00005 | 0.000201   | Nerol                     | 0.00001 | 0.00001 | ND          |
| 3-Carene            | 0.00001 | 0.00005 | ND         | cis-Nerolidol             | 0.00001 | 0.00001 | ND          |
| β-Caryophyllene     | 0.00001 | 0.00005 | 0.271222   | trans-Nerolidol           | 0.00001 | 0.00001 | ND          |
| Caryophyllene Oxide | 0.00001 | 0.00005 | ND         | Ocimene                   | 0.00001 | 0.00001 | 0.002282    |
| α-Cedrene           | 0.00001 | 0.00005 | ND         | α-Phellandrene            | 0.00001 | 0.00001 | 0.007195    |
| Cedrol              | 0.00001 | 0.00005 | ND         | α-Pinene                  | 0.00001 | 0.00001 | 0.235837    |
| Eucalyptol          | 0.00001 | 0.00005 | 0.000139   | β-Pinene                  | 0.00001 | 0.00001 | 0.115355    |
| Fenchone            | 0.00001 | 0.00005 | 0.000063   | Pulegone                  | 0.00001 | 0.00001 | ND          |
| Fenchyl Alcohol     | 0.00001 | 0.00005 | 0.012345   | Sabinene                  | 0.00001 | 0.00001 | ND          |
| Geraniol            | 0.00001 | 0.00005 | ND         | Sabinene Hydrate          | 0.00001 | 0.00001 | ND          |
| Geranyl Acetate     | 0.00001 | 0.00005 | ND         | α-Terpinene               | 0.00001 | 0.00001 | 0.004244    |
| Guaial              | 0.00001 | 0.00005 | ND         | γ-Terpinene               | 0.00001 | 0.00001 | 0.001211    |
| Hexahydrothymol     | 0.00001 | 0.00005 | 0.000909   | α-Terpineol               | 0.00001 | 0.00001 | 0.001874    |
| α-Humulene          | 0.00001 | 0.00005 | 0.002151   | γ-Terpineol               | 0.00001 | 0.00001 | ND          |
| Isoborneol          | 0.00001 | 0.00005 | ND         | Terpinolene               | 0.00001 | 0.00001 | 0.189586    |
| Isopulegol          | 0.00001 | 0.00005 | ND         | <b>Total Terpenes (%)</b> |         |         | <b>2.02</b> |

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## Reporting Limit Appendix

### Heavy Metals -

| Analyte | Limit (ppb) | Analyte | Limit (ppb) |
|---------|-------------|---------|-------------|
| Arsenic | 200         | Lead    | 500         |
| Cadmium | 200         | Mercury | 100         |

### Microbials -

| Analyte   | Limit (CFU/g) | Analyte          | Limit (CFU/g) |
|-----------|---------------|------------------|---------------|
| Coliforms | 1             | Aerobic Bacteria | 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           | 5000        |
| 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        |
| N,N-Dimethylformamide | 880         | n-Propane                | 5000        |
| 2,2-Dimethylpropane   | 5000        | 1-Propanol               | 5000        |
| 1,4-Dioxane           | 380         | Pyridine                 | 200         |
| Ethanol               | 5000        | Tetrahydrofuran          | 720         |
| 2-Ethoxyethanol       | 160         | Toluene                  | 890         |
| Ethyl Acetate         | 5000        | Trichloroethylene        | 80          |
| Ethyl Ether           | 5000        | Tetramethylene Sulfone   | 160         |
| Ethylbenzene          | 70          | Xylenes (o-, m-, and p-) | 2170        |
| Ethylene Glycol       | 620         |                          |             |

### Pesticides - CA BCC

| Analyte              | Limit (ppb) | Analyte            | Limit (ppb) |
|----------------------|-------------|--------------------|-------------|
| Acequinocyl          | 4000        | Imidacloprid       | 3000        |
| Acetamiprid          | 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          | Paclbutrazol       | 30          |
| Chlorpyrifos         | 30          | Permethrin         | 20000       |
| Clofentezine         | 500         | Phosmet            | 200         |
| Coumaphos            | 30          | Piperonyl Butoxide | 8000        |
| Cypermethrin         | 1000        | Prallethrin        | 400         |
| Daminozide           | 30          | Propiconazole      | 20000       |
| Diazinon             | 200         | Propoxur           | 30          |
| Dichlorvos           | 30          | Pyrethrins         | 1000        |
| Dimethoate           | 30          | Pyridaben          | 3000        |
| Dimethomorph         | 20000       | Spinetoram         | 3000        |
| Ethoprophos          | 30          | Spinosad           | 3000        |
| Etofenprox           | 30          | Spiromesifen       | 12000       |
| Etoazole             | 1500        | Spirotetramat      | 13000       |
| Fenhexamid           | 10000       | Spiroxamine        | 30          |
| Fenoxycarb           | 30          | Tebuconazole       | 2000        |
| Fenpyroximate        | 2000        | Thiacloprid        | 30          |
| Flonicamid           | 2000        | Thiamethoxam       | 4500        |

### Mycotoxins -

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

### Pesticides - CA BCC

| Analyte   | Limit (ppb) | Analyte     | Limit (ppb) |
|-----------|-------------|-------------|-------------|
| Abamectin | 300         | Hexythiazox | 2000        |
| Acephate  | 5000        | Imazalil    | 30          |

