

## Pineapple Mango Express

Sample ID: SA-250701-64480  
 Batch: 062825-PME (HCPM10)  
 Type: Finished Product - Inhalable  
 Matrix: Concentrate - Vape  
 Unit Mass (g):

Received: 07/03/2025  
 Completed: 07/24/2025

**Client**  
 Coastal Clouds  
 17832 Gillette Ave  
 Irvine, CA 92614  
 USA



### Summary

| Test              | Date Tested | Status |
|-------------------|-------------|--------|
| Cannabinoids      | 07/15/2025  | Tested |
| Foreign Matter    | 07/18/2025  | Tested |
| Microbials        | 07/24/2025  | Tested |
| Mycotoxins        | 07/21/2025  | Tested |
| Pesticides        | 07/23/2025  | Tested |
| Residual Solvents | 07/21/2025  | Tested |

|              |                   |                    |                   |                     |                                 |
|--------------|-------------------|--------------------|-------------------|---------------------|---------------------------------|
| <b>ND</b>    | <b>41.5 %</b>     | <b>86.6 %</b>      | <b>Not Tested</b> | <b>Not Detected</b> | <b>Yes</b>                      |
| Total Δ9-THC | (6aR,9R,10aR)-HHC | Total Cannabinoids | Moisture Content  | Foreign Matter      | Internal Standard Normalization |

### Cannabinoids by GC-MS/MS

| Analyte             | LOD (%) | LOQ (%) | Result (%)  | Result (mg/g) |
|---------------------|---------|---------|-------------|---------------|
| CBC                 | 0.0095  | 0.0284  | ND          | ND            |
| CBD                 | 0.0081  | 0.0242  | ND          | ND            |
| CBDV                | 0.0061  | 0.0182  | ND          | ND            |
| CBG                 | 0.0057  | 0.0172  | ND          | ND            |
| CBN                 | 0.0056  | 0.0169  | 21.0        | 210           |
| CBT                 | 0.018   | 0.054   | ND          | ND            |
| Δ4,8-iso-THC        | 0.0067  | 0.02    | ND          | ND            |
| Δ6a,10a-THC         | 0.0067  | 0.02    | 0.251       | 2.50          |
| Δ8-iso-THC          | 0.0067  | 0.02    | ND          | ND            |
| Δ8-THC              | 0.0104  | 0.0312  | 0.292       | 2.92          |
| Δ8-THCV             | 0.0067  | 0.02    | 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            |
| (6aR,9R)-Δ10-THC    | 0.0067  | 0.02    | ND          | ND            |
| (6aR,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    | 41.5        | 415           |
| (6aR,9S,10aR)-HHC   | 0.0067  | 0.02    | 22.2        | 222           |
| 9R-HHCP             | 0.0067  | 0.02    | 1.26        | 12.6          |
| 9S-HHCP             | 0.0067  | 0.02    | 0.104       | 1.04          |
| <b>Total Δ9-THC</b> |         |         | <b>ND</b>   | <b>ND</b>     |
| <b>Total</b>        |         |         | <b>86.6</b> | <b>866</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: 08/26/2025



Tested By: Scott Caudill  
 Laboratory Manager  
 Date: 07/15/2025



ISO/IEC 17025:2017 Accredited  
 Accreditation #108651



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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) |
|----------------------|-----------|-----------|--------------|-------------------------|-----------|-----------|--------------|
| Acephate             | 30        | 100       | ND           | Hexythiazox             | 30        | 100       | ND           |
| Acequinocyl          | 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           |
| Bifenthrin           | 30        | 100       | ND           | Methiocarb              | 30        | 100       | ND           |
| Boscalid             | 30        | 100       | ND           | Methomyl                | 30        | 100       | ND           |
| Carbaryl             | 30        | 100       | ND           | Mevinphos               | 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           |
| Chlorpyrifos         | 30        | 100       | ND           | Parathion methyl        | 30        | 100       | ND           |
| Clofentezine         | 30        | 100       | ND           | Pentachloronitrobenzene | 30        | 100       | ND           |
| Coumaphos            | 30        | 100       | ND           | Phosmet                 | 30        | 100       | ND           |
| Cypermethrin         | 30        | 100       | ND           | Piperonyl Butoxide      | 30        | 100       | ND           |
| Daminozide           | 30        | 100       | ND           | Prallethrin             | 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           |
| Etiozazole           | 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; 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: 08/26/2025



Tested By: Anthony Mattingly  
 Scientist  
 Date: 07/23/2025



## Pineapple Mango Express

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 USA

## 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: 08/26/2025



Tested By: Anthony Mattingly  
 Scientist  
 Date: 07/21/2025



## Pineapple Mango Express

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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 |
| Bile-tolerant gram-negative bacteria | 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 |
| 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: 08/26/2025



Tested By: Sara Cook  
 Laboratory Technician  
 Date: 07/24/2025



## Pineapple Mango Express

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**Client**  
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 USA

## 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           |                          |           |           |              |

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: 08/26/2025



Tested By: Kelsey Rogers  
 Scientist  
 Date: 07/21/2025





## Certificate of Analysis

Compliance Test

### Client Information:

**Coastal Clouds**

**PO Box 16032**

**Irvine, CA 92623**

**Order # COA240507-010003**

**Order Date: 2024-05-07**

**Sample # AAF0175**

**Statement of Amendment: Updated Batch#; Updated Photo; Merging reports**

**Batch # HCPM09**

**Batch Date: 2024-04-19**

**Extracted From: Hemp**

**Test Reg State: Florida**

**Sampling Date: 2024-05-07**

**Lab Batch Date: 2024-05-07**

**Orig. Completion Date: 2024-05-23**

**Initial Gross Weight: 33.700 g**



Product Image



**Potency  
Tested**

**HHCP**

**HHCP  
Tested**



**Heavy Metals  
Passed**



**2,3-Butanedione  
Passed**



**Mycotoxins  
Passed**



**Pesticides  
Passed**



**Residual Solvents  
Passed**



**Pathogenic Microbiology  
Passed**



**Microbiology (qPCR)  
Passed**



**Vitamin E  
Passed**



### Potency 25 (LCUV)

**Specimen Weight: 500.540 mg**

### Tested

**SOP13.001 (LCUV)**

| Analyte               | Dilution (1:n) | LOD (%) | LOQ (%) | Result (mg/g) | Result (%) |
|-----------------------|----------------|---------|---------|---------------|------------|
| CBN                   | 10.000         | 1.40E-5 | 0.015   | 282.7100      | 28.2710    |
| CBGA                  | 10.000         | 8.00E-5 | 0.015   | 2.9100        | 0.2910     |
| Delta-8 THC           | 10.000         | 2.60E-5 | 0.015   | 2.8600        | 0.2860     |
| Delta-8 THCV          | 50.000         | 4.00E-5 | 0.015   | 2.1180        | 0.2118     |
| CBT                   | 50.000         | 2.00E-4 | 0.015   | 0.9338        | 0.0934     |
| CBG                   | 10.000         | 2.48E-4 | 0.015   | 0.5200        | 0.0520     |
| CBDVA                 | 50.000         | 1.40E-5 | 0.015   | 0.3441        | 0.0344     |
| CBC                   | 10.000         | 1.80E-5 | 0.015   | <LOQ          | <LOQ       |
| CBCA                  | 50.000         | 1.07E-4 | 0.015   | <LOQ          | <LOQ       |
| CBD                   | 10.000         | 5.40E-5 | 0.015   | <LOQ          | <LOQ       |
| CBDA                  | 10.000         | 1.00E-5 | 0.015   | <LOQ          | <LOQ       |
| CBDV                  | 10.000         | 6.50E-5 | 0.015   | <LOQ          | <LOQ       |
| CBL                   | 50.000         | 3.50E-5 | 0.015   | <LOQ          | <LOQ       |
| CBNA                  | 50.000         | 9.50E-5 | 0.015   | <LOQ          | <LOQ       |
| Delta-8 THC-O Acetate | 10.000         | 2.70E-5 | 0.025   | <LOQ          | <LOQ       |
| Delta-9 THC           | 10.000         | 1.30E-5 | 0.015   | <LOQ          | <LOQ       |
| Delta-9 THC-O Acetate | 10.000         | 7.70E-5 | 0.025   | <LOQ          | <LOQ       |
| Delta8-THCP *         | 50.000         | 3.75E-4 | 0.015   | <LOQ          | <LOQ       |
| Delta9-THCP *         | 50.000         | 1.17E-5 | 0.012   | <LOQ          | <LOQ       |
| Exo-THC               | 50.000         | 2.30E-4 | 0.015   | <LOQ          | <LOQ       |
| THCA-A                | 10.000         | 3.20E-5 | 0.015   | <LOQ          | <LOQ       |
| THCB *                | 50.000         | 1.80E-4 | 0.0163  | <LOQ          | <LOQ       |
| THCH *                | 50.000         | 3.50E-4 | 0.0163  | <LOQ          | <LOQ       |
| THCV                  | 10.000         | 7.00E-6 | 0.015   | <LOQ          | <LOQ       |
| THCVA                 | 50.000         | 4.70E-5 | 0.015   | <LOQ          | <LOQ       |
| Total Active CBD      | 10.000         |         |         | <LOQ          | <LOQ       |
| Total Active THC      | 10.000         |         |         | <LOQ          | <LOQ       |



### Potency Summary

|                |                         |                      |                |                           |                      |
|----------------|-------------------------|----------------------|----------------|---------------------------|----------------------|
| <b>44.386%</b> | <b>Total HHC</b>        | <b>443.860 mg</b>    | <b>-</b>       | <b>Total Active THC</b>   | <b>None Detected</b> |
| <b>-</b>       | <b>Total Active CBD</b> | <b>None Detected</b> | <b>-</b>       | <b>Total CBG</b>          | <b>0.307%</b>        |
| <b>28.271%</b> | <b>Total CBN</b>        | <b>28.271%</b>       | <b>73.626%</b> | <b>Total Cannabinoids</b> | <b>73.626%</b>       |
| <b>37.2%</b>   | <b>Total (9R)-HHC</b>   | <b>372 mg</b>        | <b>0.45%</b>   | <b>Total 9(R)-HHCP</b>    | <b>4.5 mg</b>        |

*Aixia Sun*

Aixia Sun Lab Director/Principal Scientist

D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total Active THC = THCA-A \* 0.877 + Delta 9 THC, Total THC = THCV + (THCVA \* 0.87), CBG Total = (CBGA \* 0.877) + CBG, CBN Total = (CBNA \* 0.877) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Total Cannabinoids = Total percentage of cannabinoids within the sample. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram. ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K4.036, 5K4.034. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K4.036, 5K4.034. Sample not received via laboratory sampling. \*Batch #: HCPM09 is identical to Coastal Clouds' batch #: 041924-PME Revised report - see statement of amendment above.

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## Certificate of Analysis

Compliance Test

### Client Information:

**Coastal Clouds**

**PO Box 16032**

**Irvine, CA 92623**

**Order #** COA240507-010003

**Order Date:** 2024-05-07

**Sample #** AAF0175

**Batch #** HCPM09

**Batch Date:** 2024-04-19

**Extracted From:** Hemp

**Test Reg State:** Florida

**Sampling Date:** 2024-05-07

**Lab Batch Date:** 2024-05-07

**Orig. Completion Date:** 2024-05-23

**Initial Gross Weight:** 33.700 g



### 2,3-butanedione(Diacetyl)

**Specimen Weight:** 313.300 mg

**Passed**  
SOP13.039 (GCMS)

**Dilution Factor:** 1.000

| Analyte         | LOD (ppm) | LOQ (ppm) | Result (ppm) |
|-----------------|-----------|-----------|--------------|
| 2,3-Butanedione | .024      | 0.024     | <LOQ         |



### Total Yeast and Mold

**Specimen Weight:** 504.540 mg

**Passed**  
SOP13.017 (qPCR)

**Dilution Factor:** 1.000

| Analyte          | Action Level (cfu/g) | Result (cfu/g) | Remark |
|------------------|----------------------|----------------|--------|
| Total Yeast/Mold | 100000               | <LOQ           | Passed |



### Pathogenic Microbiology SAE (MicroArray)

**Specimen Weight:** 1031.070 mg

**Passed**  
SOP13.019 (Micro Array)

**Dilution Factor:** 1.000

| Analyte               | Result (cfu/g) | Analyte             | Result (cfu/g) |
|-----------------------|----------------|---------------------|----------------|
| Aspergillus flavus    | Absence in 1g  | Aspergillus terreus | Absence in 1g  |
| Aspergillus fumigatus | Absence in 1g  | Salmonella          | Absence in 1g  |
| Aspergillus niger     | Absence in 1g  | STEC E. Coli        | Absence in 1g  |

Aixa Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)

Definitions are found on page 1

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**Order Date:** 2024-05-07

**Sample #** AAF0175

**Batch #** HCPM09

**Batch Date:** 2024-04-19

**Extracted From:** Hemp

**Test Reg State:** Florida

**Sampling Date:** 2024-05-07

**Lab Batch Date:** 2024-05-07

**Orig. Completion Date:** 2024-05-23

**Initial Gross Weight:** 33.700 g

### **E** Vitamin E (Tocopheryl Acetate)

**Specimen Weight:** 597.580 mg

**Passed**

**SOP13.007 (LC-MS)**

**Dilution Factor:** 2.510

| Analyte                                | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|----------------------------------------|-----------|-----------|--------------------|--------------|
| Tocopheryl Acetate (Vitamin E Acetate) | .705      | 500       | 500                | <LOQ         |

### **H** Heavy Metals

**Specimen Weight:** 255.830 mg

**Passed**

**SOP13.048 (ICP-MS)**

**Dilution Factor:** 195

| Analyte      | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte      | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|--------------|-----------|-----------|--------------------|--------------|--------------|-----------|-----------|--------------------|--------------|
| Arsenic (As) | 4.83      | 100       | 200                | <LOQ         | Lead (Pb)    | 11.76     | 100       | 500                | <LOQ         |
| Cadmium (Cd) | .64       | 100       | 200                | <LOQ         | Mercury (Hg) | .58       | 100       | 200                | <LOQ         |

### **M** Mycotoxins

**Specimen Weight:** 597.580 mg

**Passed**

**SOP13.007 (LCMS)**

**Dilution Factor:** 2.510

| Analyte      | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte      | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|--------------|-----------|-----------|--------------------|--------------|--------------|-----------|-----------|--------------------|--------------|
| Aflatoxin B1 | 3.0400E-1 | 6         | 20                 | <LOQ         | Aflatoxin G2 | 2.7100E-1 | 6         | 20                 | <LOQ         |
| Aflatoxin B2 | 7.7000E-2 | 6         | 20                 | <LOQ         | Ochratoxin A | 7.5400E-1 | 3.8       | 20                 | <LOQ         |
| Aflatoxin G1 | 3.0400E-1 | 6         | 20                 | <LOQ         |              |           |           |                    |              |

*Aixia Sun*

Aixia Sun Lab Director/Principal Scientist

D.H.Sc., M.Sc., B.Sc., MT (AAB)

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## Certificate of Analysis

Compliance Test

### Client Information:

**Coastal Clouds**

**PO Box 16032**

**Irvine, CA 92623**

**Order # COA240507-010003**

**Order Date: 2024-05-07**

**Sample # AAF0175**

**Batch # HCPM09**

**Batch Date: 2024-04-19**

**Extracted From: Hemp**

**Test Reg State: Florida**

**Sampling Date: 2024-05-07**

**Lab Batch Date: 2024-05-07**

**Orig. Completion Date: 2024-05-23**

**Initial Gross Weight: 33.700 g**

### HHCP

**Specimen Weight: 500.540 mg**

**Tested**  
**SOP13.050 (LCMS)**

Dilution Factor: 5000.000

| Analyte            | LOD (%)     | LOQ (%) | Result (mg/g) | (%) Analyte                   | LOD (%)     | LOQ (%) | Result (mg/g) | (%)    |
|--------------------|-------------|---------|---------------|-------------------------------|-------------|---------|---------------|--------|
| (9R)-HHC           | 3.6600E-6   | 0.075   | 372.0000      | 37.2 CBC                      | 2.760000E-5 | 0.075   | <LOQ          | <LOQ   |
| (9S)-HHC           | 6.6000E-6   | 0.075   | 62.5000       | 6.25 Delta-8 THC methyl ether | 2.480000E-4 | 0.075   | <LOQ          | <LOQ   |
| (±)-9β-hydroxy-HHC | 7.7800E-6   | 0.075   | <LOQ          | <LOQ Delta-9 THC              | 2.8000E-4   | 0.075   | <LOQ          | <LOQ   |
| 1(R)-H4-CBD        | 7.330000E-7 | 0.15    | <LOQ          | <LOQ Delta-9 THC methyl ether | 1.600000E-4 | 0.075   | <LOQ          | <LOQ   |
| 1(S)-H4-CBD        | 6.630000E-7 | 0.15    | <LOQ          | <LOQ H2-CBD                   | 1.440000E-7 | 0.075   | <LOQ          | <LOQ   |
| 9(R)-HHCP          | 3.0900E-5   | 0.075   | 4.5000        | 0.45 Total HHC                | 0.075       |         | 443.8600      | 44.386 |
| 9(S)-HHCP          | 2.5500E-5   | 0.075   | 4.8600        | 0.486                         |             |         |               |        |

### Residual Solvents - FL (CBD)

**Specimen Weight: 313.300 mg**

**Passed**  
**SOP13.039 (GCMS)**

Dilution Factor: 1.000

| Analyte            | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte            | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|--------------------|-----------|-----------|--------------------|--------------|--------------------|-----------|-----------|--------------------|--------------|
| 1,1-Dichloroethene | 0.0094    | 0.16      | 8                  | <LOQ         | Heptane            | 0.0013    | 1.39      | 5000               | <LOQ         |
| 1,2-Dichloroethane | 0.0003    | 0.04      | 5                  | <LOQ         | Hexane             | 0.068     | 1.17      | 290                | <LOQ         |
| Acetone            | 0.015     | 2.08      | 5000               | <LOQ         | Isopropyl alcohol  | 0.0048    | 1.39      | 500                | <LOQ         |
| Acetonitrile       | 0.06      | 1.17      | 410                | <LOQ         | Methanol           | 0.0005    | 0.69      | 3000               | <LOQ         |
| Benzene            | 0.0002    | 0.02      | 2                  | <LOQ         | Methylene chloride | 0.0029    | 2.43      | 600                | <LOQ         |
| Butanes            | 0.4167    | 2.5       | 2000               | <LOQ         | Pentane            | 0.037     | 2.08      | 5000               | <LOQ         |
| Chloroform         | 0.0001    | 0.04      | 60                 | <LOQ         | Propane            | 0.031     | 5.83      | 2100               | <LOQ         |
| Ethanol            | 0.0021    | 2.78      | 5000               | <LOQ         | Toluene            | 0.0009    | 2.92      | 890                | <LOQ         |
| Ethyl Acetate      | 0.0012    | 1.11      | 5000               | <LOQ         | Total Xylenes      | 0.0001    | 2.92      | 2170               | <LOQ         |
| Ethyl Ether        | 0.0049    | 1.39      | 5000               | <LOQ         | Trichloroethylene  | 0.0014    | 0.49      | 80                 | <LOQ         |
| Ethylene Oxide     | 0.0038    | 0.1       | 5                  | <LOQ         |                    |           |           |                    |              |

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Compliance Test

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**PO Box 16032**

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**Order # COA240507-010003**

**Order Date: 2024-05-07**

**Sample # AAF0175**

**Batch # HCPM09**

**Batch Date: 2024-04-19**

**Extracted From: Hemp**

**Test Reg State: Florida**

**Sampling Date: 2024-05-07**

**Lab Batch Date: 2024-05-07**

**Orig. Completion Date: 2024-05-23**

**Initial Gross Weight: 33.700 g**



### Pesticides

**Specimen Weight: 597.580 mg**

**Passed**

**SOP13.007 (LCMS/GCMS)**

Dilution Factor: 2.510

| Analyte              | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte                 | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|----------------------|-----------|-----------|--------------------|--------------|-------------------------|-----------|-----------|--------------------|--------------|
| Abamectin            | 2.8800E-1 | 28.23     | 100                | <LOQ         | Fludioxonil             | 1.7400E+0 | 48        | 100                | <LOQ         |
| Acephate             | 2.3000E-2 | 30        | 100                | <LOQ         | Hexythiazox             | 4.9000E-2 | 30        | 100                | <LOQ         |
| Acequinocyl          | 9.5640E+0 | 48        | 100                | <LOQ         | Imazalil                | 2.4800E-1 | 30        | 100                | <LOQ         |
| Acetamiprid          | 5.2000E-2 | 30        | 100                | <LOQ         | Imidacloprid            | 9.4000E-2 | 30        | 400                | <LOQ         |
| Aldicarb             | 2.6000E-2 | 30        | 100                | <LOQ         | Kresoxim Methyl         | 4.2000E-2 | 30        | 100                | <LOQ         |
| Azoxystrobin         | 8.1000E-2 | 10        | 100                | <LOQ         | Malathion               | 8.2000E-2 | 30        | 200                | <LOQ         |
| Bifenazate           | 1.4150E+0 | 30        | 100                | <LOQ         | Metalaxyl               | 8.1000E-2 | 10        | 100                | <LOQ         |
| Bifenthrin           | 4.3000E-2 | 30        | 200                | <LOQ         | Methiocarb              | 3.2000E-2 | 30        | 100                | <LOQ         |
| Boscalid             | 5.5000E-2 | 10        | 100                | <LOQ         | Methomyl                | 2.2000E-2 | 30        | 100                | <LOQ         |
| Captan               | 6.1200E+0 | 30        | 700                | <LOQ         | methyl-Parathion        | 1.7100E+0 | 10        | 100                | <LOQ         |
| Carbaryl             | 2.2000E-2 | 10        | 500                | <LOQ         | Mevinphos               | 2.1500E+0 | 10        | 100                | <LOQ         |
| Carbofuran           | 3.4000E-2 | 10        | 100                | <LOQ         | Myclobutanil            | 1.0290E+0 | 30        | 100                | <LOQ         |
| Chlorantraniliprole  | 3.3000E-2 | 10        | 1000               | <LOQ         | Naled                   | 9.5000E-2 | 30        | 250                | <LOQ         |
| Chlordane            | 1.0000E+1 | 10        | 100                | <LOQ         | Oxamyl                  | 2.5000E-2 | 30        | 500                | <LOQ         |
| Chlorfenapyr         | 3.4000E-2 | 30        | 100                | <LOQ         | Paclobutrazol           | 6.5000E-2 | 30        | 100                | <LOQ         |
| Chlormequat Chloride | 1.0800E-1 | 10        | 1000               | <LOQ         | Pentachloronitrobenzene | 1.3200E+0 | 10        | 150                | <LOQ         |
| Chlorpyrifos         | 3.5000E-2 | 30        | 100                | <LOQ         | Permethrin              | 3.4300E-1 | 30        | 100                | <LOQ         |
| Clofentezine         | 1.1900E-1 | 30        | 200                | <LOQ         | Phosmet                 | 8.2000E-2 | 30        | 100                | <LOQ         |
| Coumaphos            | 3.7700E+0 | 48        | 100                | <LOQ         | Piperonylbutoxide       | 2.9000E-2 | 30        | 3000               | <LOQ         |
| Cyfluthrin           | 3.1100E+0 | 30        | 500                | <LOQ         | Prallethrin             | 7.9800E-1 | 30        | 100                | <LOQ         |
| Cypermethrin         | 1.4490E+0 | 30        | 500                | <LOQ         | Propiconazole           | 7.0000E-2 | 30        | 100                | <LOQ         |
| Daminozide           | 8.8500E-1 | 30        | 100                | <LOQ         | Propoxur                | 4.6000E-2 | 30        | 100                | <LOQ         |
| Diazinon             | 4.4000E-2 | 30        | 100                | <LOQ         | Pyrethrins              | 2.3593E+1 | 30        | 500                | <LOQ         |
| Dichlorvos           | 2.1820E+0 | 30        | 100                | <LOQ         | Pyridaben               | 3.2000E-2 | 30        | 200                | <LOQ         |
| Dimethoate           | 2.1000E-2 | 30        | 100                | <LOQ         | Spinetoram              | 8.0000E-2 | 10        | 200                | <LOQ         |
| Dimethomorph         | 5.8300E+0 | 48        | 200                | <LOQ         | Spinosad                | 8.8000E-2 | 30        | 100                | <LOQ         |
| Ethoprophos          | 3.6000E-1 | 30        | 100                | <LOQ         | Spiromesifen            | 2.6100E-1 | 30        | 100                | <LOQ         |
| Etofenprox           | 1.1600E-1 | 30        | 100                | <LOQ         | Spirotetramat           | 8.9000E-2 | 30        | 100                | <LOQ         |
| Etoxazole            | 9.5000E-2 | 30        | 100                | <LOQ         | Spiroxamine             | 1.3100E-1 | 30        | 100                | <LOQ         |
| Fenhexamid           | 5.1000E-1 | 10        | 100                | <LOQ         | Tebuconazole            | 6.7000E-2 | 30        | 100                | <LOQ         |
| Fenoxycarb           | 1.0700E-1 | 30        | 100                | <LOQ         | Thiacloprid             | 6.4000E-2 | 30        | 100                | <LOQ         |
| Fenpyroximate        | 1.3800E-1 | 30        | 100                | <LOQ         | Thiamethoxam            | 5.0000E-2 | 30        | 500                | <LOQ         |
| Fipronil             | 1.0700E-1 | 30        | 100                | <LOQ         | Trifloxystrobin         | 3.7000E-2 | 30        | 100                | <LOQ         |
| Flonicamid           | 5.1700E-1 | 30        | 100                | <LOQ         |                         |           |           |                    |              |

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