

## URSA - NOVA Cartridge - Sour Tsunami

METRC Batch: 1A40603000768E3000000507, 1A40603000768E3000000508

METRC Sample: 1A40603000745B9000001052

Sample ID: 2511ENC4778\_5537

Strain: SOUR TSUNAMI

Matrix: Concentrates & Extracts

Type: Vape

Batch#: CTURN0918ST

Produced: 11/18/2025

Collected: 11/25/2025

Received: 11/26/2025

Completed: 12/04/2025

Sample Size: 9 units; Batch:  
1,153 units

Distributor

BEAR HUMBOLDT

Lic. # C11-0001975-LIC

5550 West End Rd Suite  
9,10,14,

Arcata, CA, 95521

Producer

HAILOS INC

Lic. # DCC-10005063

5550 West End Rd Suite  
9,10,14

Arcata, CA



## Summary

| Test                 | Date Tested | Instr. Method     | Result   |
|----------------------|-------------|-------------------|----------|
| Batch                |             |                   | Pass     |
| Cannabinoids         | 12/01/2025  | LC-DAD            | Pass     |
| Terpenes             | 12/01/2025  | GC-MS             | Complete |
| Pesticides           | 12/01/2025  | LC-MS             | Pass     |
| Mycotoxins           | 12/01/2025  | LC-MS             | Pass     |
| Residual Solvents    | 12/01/2025  | HS-GC-MS          | Pass     |
| Microbial Impurities | 12/02/2025  | qPCR              | Pass     |
| Heavy Metals         | 12/02/2025  | ICP-MS            | Pass     |
| Foreign Matter       | 12/01/2025  | Visual Inspection | Pass     |

## Cannabinoids

Method: SOP CA\_M-CANNABINOIDS

88.609 %

Total THC

ND

Total CBD

89.971 %

Total Cannabinoids

| Analytes            | LOD   | LOQ   | Result | Result | Result  |
|---------------------|-------|-------|--------|--------|---------|
|                     | mg/g  | mg/g  | %      | mg/g   | mg/unit |
| THCa                | 0.271 | 0.812 | 0.788  | 7.88   | 7.877   |
| Δ9-THC              | 0.302 | 0.921 | 85.899 | 858.99 | 858.993 |
| Δ8-THC              | 0.286 | 0.859 | 2.019  | 20.19  | 20.188  |
| THCVa               | 0.271 | 0.828 | ND     | ND     | ND      |
| THCV                | 0.279 | 0.843 | 0.253  | 2.53   | 2.526   |
| CBDa                | 0.294 | 0.882 | ND     | ND     | ND      |
| CBD                 | 0.302 | 0.921 | ND     | ND     | ND      |
| CBN                 | 0.294 | 0.897 | 1.109  | 11.09  | 11.093  |
| CBGa                | 0.302 | 0.921 | ND     | ND     | ND      |
| CBG                 | 0.286 | 0.874 | ND     | ND     | ND      |
| CBCa                | 0.263 | 0.797 | ND     | ND     | ND      |
| CBC                 | 0.294 | 0.882 | ND     | ND     | ND      |
| Total THC           |       |       | 88.609 | 886.09 | 886.09  |
| Total CBD           |       |       | ND     | ND     | ND      |
| Total Cannabinoids  |       |       | 89.971 | 899.71 | 899.71  |
| Sum of Cannabinoids |       |       | 90.068 | 900.68 | 900.68  |

1 Unit = 1g;

Total THC = THCa \* 0.877 + Δ9-THC + Δ8-THC; Total CBD = CBDa \* 0.877 + CBD; Total Cannabinoids = (cannabinoid acid forms \* 0.877) + cannabinoids; Sum of Cannabinoids = cannabinoid acid forms + cannabinoids; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that sample. Foreign Material Method: SOP CA\_M-FOREIGN; Moisture and Water Activity Method: SOP CA\_M-WATER



*Evelyn Alvarez*

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VP of Operations and QA | 12/04/2025



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### Terpenes

Method: SOP CA\_M-TERPENES

| Analytes            | LOD   | LOQ   | Result       | Result       |
|---------------------|-------|-------|--------------|--------------|
|                     | mg/g  | mg/g  | %            | mg/g         |
| β-Caryophyllene     | 0.147 | 0.449 | 1.302        | 13.02        |
| Linalool            | 0.178 | 0.534 | 1.143        | 11.43        |
| δ-Limonene          | 0.093 | 0.271 | 0.812        | 8.12         |
| α-Humulene          | 0.139 | 0.410 | 0.400        | 4.00         |
| β-Myrcene           | 0.162 | 0.487 | 0.318        | 3.18         |
| Fenchol             | 0.116 | 0.340 | 0.305        | 3.05         |
| β-Pinene            | 0.132 | 0.395 | 0.147        | 1.47         |
| α-Pinene            | 0.139 | 0.426 | 0.109        | 1.09         |
| Terpinolene         | 0.077 | 0.232 | 0.069        | 0.69         |
| Borneol             | 0.077 | 0.224 | 0.069        | 0.69         |
| trans-Nerolidol     | 0.224 | 0.673 | <LOQ         | <LOQ         |
| Geranyl Acetate     | 0.139 | 0.418 | 0.051        | 0.51         |
| γ-Terpinene         | 0.085 | 0.255 | 0.032        | 0.32         |
| α-Bisabolol         | 0.232 | 0.704 | <LOQ         | <LOQ         |
| Camphene            | 0.124 | 0.387 | <LOQ         | <LOQ         |
| Valencene           | 0.147 | 0.456 | <LOQ         | <LOQ         |
| Caryophyllene Oxide | 0.139 | 0.418 | <LOQ         | <LOQ         |
| trans-β-Ocimene     | 0.101 | 0.294 | <LOQ         | <LOQ         |
| Geraniol            | 0.162 | 0.480 | ND           | ND           |
| Fenchone            | 0.085 | 0.255 | <LOQ         | <LOQ         |
| α-Terpinene         | 0.108 | 0.325 | <LOQ         | <LOQ         |
| α-Phellandrene      | 0.132 | 0.387 | ND           | ND           |
| p-Cymene            | 0.093 | 0.279 | <LOQ         | <LOQ         |
| δ-3-Carene          | 0.155 | 0.456 | ND           | ND           |
| Eucalyptol          | 0.062 | 0.193 | <LOQ         | <LOQ         |
| Camphor             | 0.085 | 0.255 | ND           | ND           |
| cis-Nerolidol       | 0.193 | 0.588 | ND           | ND           |
| Guaiol              | 0.116 | 0.340 | ND           | ND           |
| Sabinene            | 0.093 | 0.294 | ND           | ND           |
| Sabinene Hydrate    | 0.108 | 0.333 | ND           | ND           |
| Isopulegol          | 0.178 | 0.542 | ND           | ND           |
| Isoborneol          | 0.139 | 0.433 | ND           | ND           |
| Menthol             | 0.170 | 0.503 | ND           | ND           |
| Nerol               | 0.139 | 0.418 | ND           | ND           |
| Pulegone            | 0.139 | 0.418 | ND           | ND           |
| α-Cedrene           | 0.132 | 0.402 | ND           | ND           |
| Cedrol              | 0.132 | 0.402 | ND           | ND           |
| <b>Total</b>        |       |       | <b>4.756</b> | <b>47.56</b> |

Date Tested: 12/01/2025

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.

### Primary Aromas

|                                                                                              |                                                                                                 |                                                                                                |                                                                                               |                                                                                                |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <br>Clove | <br>Lavender | <br>Citrusy | <br>Hops | <br>Musky |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|



  
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VP of Operations and QA | 12/04/2025



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## Pesticides

Method: SOP CA\_M-PESTMYCOLCMS

| Analytes            | LOD    | LOQ    | Limit  | Result | Status | Analytes           | LOD    | LOQ    | Limit  | Result | Status |
|---------------------|--------|--------|--------|--------|--------|--------------------|--------|--------|--------|--------|--------|
|                     | µg/g   | µg/g   | µg/g   | µg/g   |        |                    | µg/g   | µg/g   | µg/g   | µg/g   |        |
| Abamectin           | 0.019  | 0.056  | 0.1    | ND     | Pass   | Fludioxonil        | 0.011  | 0.034  | 0.1    | ND     | Pass   |
| Acephate            | 0.006  | 0.02   | 0.1    | ND     | Pass   | Hexythiazox        | 0.008  | 0.025  | 0.1    | ND     | Pass   |
| Acequinocyl         | 0.0089 | 0.0268 | 0.1    | ND     | Pass   | Imazalil           | 0.021  | 0.064  | 0.021  | ND     | Pass   |
| Acetamiprid         | 0.006  | 0.018  | 0.1    | ND     | Pass   | Imidacloprid       | 0.009  | 0.026  | 5      | ND     | Pass   |
| Aldicarb            | 0.031  | 0.095  | 0.031  | ND     | Pass   | Kresoxim Methyl    | 0.015  | 0.044  | 0.1    | ND     | Pass   |
| Azoxystrobin        | 0.006  | 0.017  | 0.1    | ND     | Pass   | Malathion          | 0.008  | 0.023  | 0.5    | ND     | Pass   |
| Bifenazate          | 0.01   | 0.03   | 0.1    | ND     | Pass   | Metalaxyl          | 0.007  | 0.021  | 2      | ND     | Pass   |
| Bifenthrin          | 0.049  | 0.15   | 3      | ND     | Pass   | Methiocarb         | 0.015  | 0.044  | 0.015  | ND     | Pass   |
| Boscalid            | 0.01   | 0.031  | 0.1    | ND     | Pass   | Methomyl           | 0.017  | 0.051  | 1      | ND     | Pass   |
| Captan              | 0.05   | 0.1516 | 0.7    | ND     | Pass   | Parathion Methyl   | 0.0157 | 0.0477 | 0.0157 | ND     | Pass   |
| Carbaryl            | 0.022  | 0.065  | 0.5    | ND     | Pass   | Mevinphos          | 0.024  | 0.072  | 0.024  | ND     | Pass   |
| Carbofuran          | 0.017  | 0.051  | 0.017  | ND     | Pass   | Myclobutanil       | 0.011  | 0.033  | 0.1    | ND     | Pass   |
| Chlorantraniliprole | 0.011  | 0.034  | 10     | ND     | Pass   | Naled              | 0.026  | 0.078  | 0.1    | ND     | Pass   |
| Chlordane           | 0.0099 | 0.03   | 0.0099 | ND     | Pass   | Oxamyl             | 0.014  | 0.044  | 0.5    | ND     | Pass   |
| Chlorfenapyr        | 0.0316 | 0.0957 | 0.0316 | ND     | Pass   | Paclobutrazol      | 0.033  | 0.099  | 0.033  | ND     | Pass   |
| Chlorpyrifos        | 0.024  | 0.073  | 0.024  | ND     | Pass   | PCNB               | 0.0133 | 0.0403 | 0.1    | ND     | Pass   |
| Clofentezine        | 0.011  | 0.034  | 0.1    | ND     | Pass   | Permethrin         | 0.013  | 0.039  | 0.5    | ND     | Pass   |
| Coumaphos           | 0.028  | 0.084  | 0.028  | ND     | Pass   | Phosmet            | 0.006  | 0.018  | 0.1    | ND     | Pass   |
| Cyfluthrin          | 0.0243 | 0.0736 | 2      | ND     | Pass   | Piperonyl Butoxide | 0.008  | 0.025  | 3      | ND     | Pass   |
| Cypermethrin        | 0.0409 | 0.124  | 1      | ND     | Pass   | Prallethrin        | 0.01   | 0.03   | 0.1    | ND     | Pass   |
| Daminozide          | 0.023  | 0.069  | 0.023  | ND     | Pass   | Propiconazole      | 0.009  | 0.028  | 0.1    | ND     | Pass   |
| Diazinon            | 0.008  | 0.024  | 0.1    | ND     | Pass   | Propoxur           | 0.02   | 0.061  | 0.02   | ND     | Pass   |
| Dichlorvos          | 0.017  | 0.051  | 0.017  | ND     | Pass   | Pyrethrins         | 0.02   | 0.059  | 0.5    | ND     | Pass   |
| Dimethoate          | 0.02   | 0.059  | 0.02   | ND     | Pass   | Pyridaben          | 0.01   | 0.03   | 0.1    | ND     | Pass   |
| Dimethomorph        | 0.01   | 0.03   | 2      | ND     | Pass   | Spinetoram         | 0.012  | 0.037  | 0.1    | ND     | Pass   |
| Ethoprophos         | 0.016  | 0.048  | 0.016  | ND     | Pass   | Spinosad           | 0.01   | 0.032  | 0.1    | ND     | Pass   |
| Etofenprox          | 0.027  | 0.082  | 0.027  | ND     | Pass   | Spiromesifen       | 0.011  | 0.033  | 0.1    | ND     | Pass   |
| Etoazole            | 0.006  | 0.017  | 0.1    | ND     | Pass   | Spirotetramat      | 0.018  | 0.054  | 0.1    | ND     | Pass   |
| Fenhexamid          | 0.013  | 0.04   | 0.1    | ND     | Pass   | Spiroxamine        | 0.01   | 0.03   | 0.01   | ND     | Pass   |
| Fenoxycarb          | 0.012  | 0.037  | 0.012  | ND     | Pass   | Tebuconazole       | 0.014  | 0.042  | 0.1    | ND     | Pass   |
| Fenpyroximate       | 0.003  | 0.01   | 0.1    | ND     | Pass   | Thiacloprid        | 0.01   | 0.031  | 0.01   | ND     | Pass   |
| Fipronil            | 0.021  | 0.063  | 0.021  | ND     | Pass   | Thiamethoxam       | 0.013  | 0.039  | 5      | ND     | Pass   |
| Flonicamid          | 0.017  | 0.051  | 0.1    | ND     | Pass   | Trifloxystrobin    | 0.004  | 0.011  | 0.1    | ND     | Pass   |

Date Tested: 12/01/2025

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.



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## Mycotoxins

Method: SOP CA\_M-PESTMYCOLCMS

| Analytes         | LOD   | LOQ   | Limit | Result | Status |
|------------------|-------|-------|-------|--------|--------|
|                  | µg/kg | µg/kg | µg/kg | µg/kg  |        |
| Aflatoxin B1     | 1.60  | 4.84  |       | ND     | Tested |
| Aflatoxin B2     | 2.17  | 6.57  |       | ND     | Tested |
| Aflatoxin G1     | 1.35  | 4.09  |       | ND     | Tested |
| Aflatoxin G2     | 1.33  | 4.04  |       | ND     | Tested |
| Ochratoxin A     | 2.70  | 8.10  | 20.00 | ND     | Pass   |
| Total Aflatoxins |       |       | 20.00 | ND     | Pass   |

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## Residual Solvents

Method: SOP CA\_M-RES\_SOLVENTS

| Analytes                             | LOD   | LOQ   | Limit | Result | Status |
|--------------------------------------|-------|-------|-------|--------|--------|
|                                      | µg/g  | µg/g  | µg/g  | µg/g   |        |
| Acetone                              | 3.37  | 10.20 | 5000  | <LOQ   | Pass   |
| Acetonitrile                         | 1.80  | 5.45  | 410   | ND     | Pass   |
| Benzene                              | 0.11  | 0.33  | 1     | ND     | Pass   |
| Butane                               | 2.31  | 7.01  | 5000  | ND     | Pass   |
| Chloroform                           | 0.21  | 0.65  | 1     | ND     | Pass   |
| Ethanol                              | 2.82  | 8.54  | 5000  | 161.85 | Pass   |
| Ethyl acetate                        | 2.10  | 6.36  | 5000  | ND     | Pass   |
| Ethyl ether                          | 1.93  | 5.86  | 5000  | ND     | Pass   |
| Ethylene Oxide                       | 0.31  | 0.94  | 1     | ND     | Pass   |
| Heptane                              | 2.18  | 6.61  | 5000  | ND     | Pass   |
| Hexane                               | 2.22  | 6.74  | 290   | ND     | Pass   |
| Isopropyl alcohol                    | 2.19  | 6.64  | 5000  | ND     | Pass   |
| Methanol                             | 2.28  | 6.90  | 3000  | ND     | Pass   |
| Methylene chloride                   | 0.10  | 0.31  | 1     | ND     | Pass   |
| 1,2-Dichloroethane                   | 0.10  | 0.30  | 1     | ND     | Pass   |
| Pentane                              | 2.39  | 7.25  | 5000  | ND     | Pass   |
| Propane                              | 2.33  | 7.05  | 5000  | ND     | Pass   |
| Toluene                              | 0.59  | 1.79  | 890   | <LOQ   | Pass   |
| Total xylenes (ortho-, meta-, para-) | 13.51 | 40.94 | 2170  | ND     | Pass   |
| Trichloroethylene                    | 0.18  | 0.54  | 1     | ND     | Pass   |

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### Microbial Impurities

Method: SOP CA\_M-MICROBIALS

| Analytes                               | Result             | Status |
|----------------------------------------|--------------------|--------|
| Aspergillus flavus                     | Not Detected in 1g | Pass   |
| Aspergillus fumigatus                  | Not Detected in 1g | Pass   |
| Aspergillus niger                      | Not Detected in 1g | Pass   |
| Aspergillus terreus                    | Not Detected in 1g | Pass   |
| Shiga toxin-producing Escherichia coli | Not Detected in 1g | Pass   |
| Salmonella spp                         | Not Detected in 1g | Pass   |

Date Tested: 12/02/2025

### Heavy Metals

Method: SOP CA\_M-HEAVYMETALS

| Analytes | LOD   | LOQ   | Limit | Result | Status |
|----------|-------|-------|-------|--------|--------|
|          | µg/g  | µg/g  | µg/g  | µg/g   |        |
| Arsenic  | 0.033 | 0.099 | 0.200 | ND     | Pass   |
| Cadmium  | 0.028 | 0.085 | 0.200 | ND     | Pass   |
| Lead     | 0.049 | 0.147 | 0.500 | ND     | Pass   |
| Mercury  | 0.015 | 0.045 | 0.100 | ND     | Pass   |

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