



Excelbis Labs  
1920 E Warner Avenue  
Santa Ana, CA 92705

(714) 340-7099  
http://excelbislabs.com  
Lic# C8-0000059-LIC

QA Testing

1 of 3

## Sour Diesel - Sativa

Sample ID: 2502EXL0754.3191

Strain: Sour Diesel - Sativa

Matrix: Plant

Type: Flower - Cured

Sample Size: ; Batch:

Produced:

Collected:

Received:

Completed: 02/21/2025

Batch#: 2025Q1SDL

Client

HSP

Lic. #

1835 NEWPORT BLVD

COSTA MESA, CA 92627



### Summary

| Test            | Date Tested | Result           |
|-----------------|-------------|------------------|
| Batch           |             | Pass             |
| Cannabinoids    |             | Complete         |
| Foreign Matter  | 02/21/2025  | Complete         |
| Heavy Metals    |             | Pass             |
| Microbials      |             | Pass             |
| Moisture        |             | 13.7% - Complete |
| Mycotoxins      |             | Pass             |
| GCMS Pesticides |             | Pass             |
| LCMS Pesticides |             | Pass             |
| Water Activity  |             | 0.41 aw - Pass   |

### Cannabinoids

Complete

23.823%

Total THC

ND

Total CBD

24.130%

Total Cannabinoids

| Analyte   | LOD   | LOQ   | Result  | Result  |
|-----------|-------|-------|---------|---------|
|           | mg/g  | mg/g  | %       | mg/g    |
| CBC       | 0.009 | 0.025 | 0.1759  | 1.759   |
| CBD       | 0.025 | 0.100 | ND      | ND      |
| CBDa      | 0.019 | 0.050 | ND      | ND      |
| CBG       | 0.019 | 0.050 | 0.1314  | 1.314   |
| CBGa      | 0.125 | 0.250 | ND      | ND      |
| CBN       | 0.009 | 0.050 | ND      | ND      |
| Δ8-THC    | 0.025 | 0.100 | ND      | ND      |
| Δ9-THC    | 0.019 | 0.100 | 0.2917  | 2.917   |
| THCa      | 0.013 | 0.050 | 26.8317 | 268.317 |
| THCV      | 0.025 | 0.100 | ND      | ND      |
| Total THC |       |       | 23.823  | 238.231 |
| Total CBD |       |       | ND      | ND      |
| Total CBG |       |       | 0.131   | 1.314   |
| Total     |       |       | 24.130  | 241.304 |

Date Tested:

Total THC = THCa \* 0.877 + Δ9-THC + Δ8-THC; Total CBD = CBDa \* 0.877 + CBD; Total CBG = CBGa \* 0.877 + CBG.

Total Cannabinoids = Total THC + Total CBD + Total CBG + minor cannabinoids.

Cannabinoids: HPLC, CAN-SOP-001

Water Activity: Water Activity Meter, WA-SOP-001

Moisture Content: Moisture Analyzer, MO-SOP-001

Foreign Matter: Visual Inspection, FM-SOP-001



Dr. Jerry White PhD Bryan Zahakaylo

Jerry White, PhD  
Chief Scientific Officer

Bryan Zahakaylo  
Analyst

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### GC Pesticides

Pass

| Analyte                              | LOD    | LOQ    | Limit  | Mass | Status |
|--------------------------------------|--------|--------|--------|------|--------|
|                                      | µg/g   | µg/g   | µg/g   | µg/g |        |
| Captan                               | 0.231  | 0.7    | 0.7    | ND   | Pass   |
| Chlordane (trans + cis)              | 0.0116 | 0.035  | 0.0116 | ND   | Pass   |
| Chlorfenapyr                         | 0.0058 | 0.0175 | 0.0058 | ND   | Pass   |
| Cyfluthrin                           | 0.0231 | 0.07   | 2      | ND   | Pass   |
| Cypermethrin                         | 0.0231 | 0.07   | 1      | ND   | Pass   |
| Parathion Methyl                     | 0.0058 | 0.0175 | 0.0058 | ND   | Pass   |
| Pentachloronitrobenzene (Quintozene) | 0.0231 | 0.07   | 0.1    | ND   | Pass   |

### Mycotoxins

Pass

| Analytes         | LOD    | LOQ     | Limit | Conc. | Status |
|------------------|--------|---------|-------|-------|--------|
|                  | PPB    | PPB     | PPB   | PPB   |        |
| Aflatoxin B1     | 1.7000 | 5.0000  |       | ND    | Tested |
| Aflatoxin B2     | 1.7000 | 5.0000  |       | ND    | Tested |
| Aflatoxin G1     | 1.7000 | 5.0000  |       | ND    | Tested |
| Aflatoxin G2     | 1.7000 | 5.0000  |       | ND    | Tested |
| Ochratoxin A     | 6.6000 | 20.0000 | 20    | ND    | Pass   |
| Total Aflatoxins |        |         | 20    | ND    | Pass   |

### Microbials

Pass

| Analyte                       | Limit | Detected / Not Detected | Status |
|-------------------------------|-------|-------------------------|--------|
|                               | RFU/g | RFU/g                   |        |
| Aspergillus flavus            | 0     | Not Detected            | Pass   |
| Aspergillus fumigatus         | 0     | Not Detected            | Pass   |
| Aspergillus niger             | 0     | Not Detected            | Pass   |
| Aspergillus terreus           | 0     | Not Detected            | Pass   |
| Shiga toxin-producing E. Coli | 0     | Not Detected            | Pass   |
| Salmonella SPP                | 0     | Not Detected            | Pass   |

### Heavy Metals

Pass

| Analyte | LOD     | LOQ   | Limit | Conc. | Status |
|---------|---------|-------|-------|-------|--------|
|         | PPM     | PPM   | PPM   | PPM   |        |
| Arsenic | 0.0150  | 0.05  | 0.2   | ND    | Pass   |
| Cadmium | 0.0113  | 0.05  | 0.2   | ND    | Pass   |
| Lead    | 0.00615 | 0.05  | 0.5   | ND    | Pass   |
| Mercury | 0.00126 | 0.005 | 0.1   | ND    | Pass   |

GCMS Date Tested:

Pesticides: GC-MS/MS, GCMS Method GCP-SOP-001

LCMS Date Tested:

Mycotoxins Footnote: Mycotoxins: LC-MS/MS, LCMS Method LCP-SOP-001

Microbial Date Tested:

Microbials Footnote: Microbial: PCR-SOP-001

RFU = Relative Fluorescence Units

Heavy Metals Date Tested:

Heavy Metals: Heavy Metals: ICP-MS, HM-SOP-001



*Dr. Jerry White PhD* *Bryan Zahakaylo*

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Chief Scientific Officer

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## LC Pesticides

Pass

| Analyte               | LOD   | LOQ  | Limit | Result | Status | Analyte                                     | LOD    | LOQ  | Limit | Result | Status |
|-----------------------|-------|------|-------|--------|--------|---|--------|------|-------|--------|--------|
|                       | µg/g  | µg/g | µg/g  | µg/g   |        |   | µg/g   | µg/g | µg/g  | µg/g   |        |
| Abamectin             | 0.033 | 0.1  | 0.1   | ND     | Pass   | Imazalil                                    | 0.033  | 0.1  | 0.033 | ND     | Pass   |
| Acephate              | 0.033 | 0.1  | 0.1   | ND     | Pass   | Imidacloprid                                | 0.033  | 0.1  | 5     | ND     | Pass   |
| Acequinocyl           | 0.033 | 0.1  | 0.1   | ND     | Pass   | Kresoxim Methyl                             | 0.033  | 0.1  | 0.1   | ND     | Pass   |
| Acetamiprid           | 0.033 | 0.1  | 0.1   | ND     | Pass   | Malathion                                   | 0.033  | 0.1  | 0.5   | ND     | Pass   |
| Aldicarb              | 0.033 | 0.1  | 0.033 | ND     | Pass   | Metalaxyl                                   | 0.033  | 0.1  | 2     | ND     | Pass   |
| Azoxystrobin          | 0.033 | 0.1  | 0.1   | ND     | Pass   | Methiocarb                                  | 0.033  | 0.1  | 0.033 | ND     | Pass   |
| Bifenazate            | 0.033 | 0.1  | 0.1   | ND     | Pass   | Methomyl                                    | 0.033  | 0.1  | 1     | ND     | Pass   |
| Bifenthrin            | 0.033 | 0.1  | 3     | ND     | Pass   | Mevinphos                                   | 0.033  | 0.1  | 0.033 | ND     | Pass   |
| Boscalid              | 0.033 | 0.1  | 0.1   | ND     | Pass   | Myclobutanil                                | 0.033  | 0.1  | 0.1   | ND     | Pass   |
| Carbaryl              | 0.033 | 0.1  | 0.5   | ND     | Pass   | Naled                                       | 0.033  | 0.1  | 0.1   | ND     | Pass   |
| Carbofuran            | 0.033 | 0.1  | 0.033 | ND     | Pass   | Oxamyl                                      | 0.033  | 0.1  | 0.5   | ND     | Pass   |
| Chlorantraniliprole   | 0.033 | 0.1  | 10    | ND     | Pass   | Paclobutrazol                               | 0.033  | 0.1  | 0.033 | ND     | Pass   |
| Chlorpyrifos          | 0.033 | 0.1  | 0.033 | ND     | Pass   | Permethrin (trans + cis)                    | 0.033  | 0.1  | 0.5   | ND     | Pass   |
| Clofentezine          | 0.033 | 0.1  | 0.1   | ND     | Pass   | Phosmet                                     | 0.033  | 0.1  | 0.1   | ND     | Pass   |
| Coumaphos             | 0.033 | 0.1  | 0.033 | ND     | Pass   | Piperonyl Butoxide                          | 0.033  | 0.1  | 3     | ND     | Pass   |
| Daminozide            | 0.033 | 0.1  | 0.033 | ND     | Pass   | Prallethrin                                 | 0.033  | 0.1  | 0.1   | ND     | Pass   |
| Diazinon              | 0.1   | 0.1  | 0.1   | ND     | Pass   | Propiconazole                               | 0.033  | 0.1  | 0.1   | ND     | Pass   |
| Dichlorvos            | 0.033 | 0.1  | 0.033 | ND     | Pass   | Propoxur                                    | 0.033  | 0.1  | 0.033 | ND     | Pass   |
| Dimethoate            | 0.033 | 0.1  | 0.033 | ND     | Pass   | Pyrethrins (Cinerin + Jasmolin + Pyrethrin) | 0.0133 | 0.04 | 0.5   | ND     | Pass   |
| Dimethomorph (I + II) | 0.033 | 0.1  | 2     | ND     | Pass   | Pyridaben                                   | 0.033  | 0.1  | 0.1   | ND     | Pass   |
| Ethoprophos           | 0.033 | 0.1  | 0.033 | ND     | Pass   | Spinetoram (J + L)                          | 0.033  | 0.1  | 0.1   | ND     | Pass   |
| Etofenprox            | 0.033 | 0.1  | 0.033 | ND     | Pass   | Spinosyn (A + D)                            | 0.033  | 0.1  | 0.1   | ND     | Pass   |
| Etoxazole             | 0.033 | 0.1  | 0.1   | ND     | Pass   | Spiromesifen                                | 0.033  | 0.1  | 0.1   | ND     | Pass   |
| Fenhexamid            | 0.033 | 0.1  | 0.1   | ND     | Pass   | Spirotetramat                               | 0.033  | 0.1  | 0.1   | ND     | Pass   |
| Fenoxycarb            | 0.033 | 0.1  | 0.033 | ND     | Pass   | Spiroxamine                                 | 0.033  | 0.1  | 0.033 | ND     | Pass   |
| Fenpyroximate         | 0.033 | 0.1  | 0.1   | ND     | Pass   | Tebuconazole                                | 0.033  | 0.1  | 0.1   | NR     | NT     |
| Fipronil              | 0.033 | 0.1  | 0.033 | ND     | Pass   | Thiacloprid                                 | 0.033  | 0.1  | 0.033 | ND     | Pass   |
| Flonicamid            | 0.033 | 0.1  | 0.1   | ND     | Pass   | Thiamethoxam                                | 0.033  | 0.1  | 5     | NR     | NT     |
| Fludioxonil           | 0.033 | 0.1  | 0.1   | ND     | Pass   | Trifloxystrobin                             | 0.033  | 0.1  | 0.1   | NR     | NT     |
| Hexythiazox           | 0.033 | 0.1  | 0.1   | ND     | Pass   |   |        |      |       |        |        |

LCMS Date Tested:  
Pesticides: LC-MS/MS. LCMS Method LCP-SOP-001



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