

## LDS Grand Daddy Purple Vape Cartridge

METRC Batch: 1A4060300020A45000001056  
METRC Sample: 1A4060300028F79000033297  
**Sample ID: 2511ENC3969\_2896**  
Strain: Grand Daddy Purple  
Matrix: Concentrates & Extracts  
Type: Sauce  
  
Batch#: LDS-11052025-GRDP

Collected: 11/10/2025  
Received: 11/10/2025  
Completed: 11/13/2025  
Sample Size: 13 units; Batch: 1,299 units

Distributor  
**Sota Extracts, Inc.**  
  
Lic. # C11-0001298-LIC  
468 Yolanda Ave,  
Ste 203,  
Santa Rosa, CA, 95404

Producer  
**Sota Extracts, Inc.**  
  
Lic. # DCC-10004369  
468 Yolanda Avenue  
SUITE 203  
Santa Rosa, CA 95404



### Summary

| Test                 | Date Tested | Instr. Method     | Result   |
|----------------------|-------------|-------------------|----------|
| Batch                |             |                   | Pass     |
| Cannabinoids         | 11/11/2025  | LC-DAD            | Pass     |
| Terpenes             | 11/11/2025  | GC-MS             | Complete |
| Pesticides           | 11/11/2025  | LC-MS             | Pass     |
| Mycotoxins           | 11/11/2025  | LC-MS             | Pass     |
| Residual Solvents    | 11/11/2025  | HS-GC-MS          | Pass     |
| Microbial Impurities | 11/12/2025  | qPCR              | Pass     |
| Heavy Metals         | 11/12/2025  | ICP-MS            | Pass     |
| Foreign Matter       | 11/11/2025  | Visual Inspection | Pass     |

### Cannabinoids

Method: SOP CA\_M-CANNABINOIDS

**82.503 %**

Total THC

**0.266 %**

Total CBD

**89.636 %**

Total Cannabinoids

| Analytes                   | LOD   | LOQ   | Result        | Result        | Result        |
|----------------------------|-------|-------|---------------|---------------|---------------|
|                            | mg/g  | mg/g  | %             | mg/g          | mg/unit       |
| THCa                       | 0.269 | 0.808 | 1.894         | 18.94         | 18.940        |
| Δ9-THC                     | 0.300 | 0.915 | 80.842        | 808.42        | 808.421       |
| Δ8-THC                     | 0.285 | 0.854 | ND            | ND            | ND            |
| THCVa                      | 0.269 | 0.823 | ND            | ND            | ND            |
| THCV                       | 0.277 | 0.838 | 0.541         | 5.41          | 5.406         |
| CBDa                       | 0.292 | 0.877 | ND            | ND            | ND            |
| CBD                        | 0.300 | 0.915 | 0.266         | 2.66          | 2.659         |
| CBN                        | 0.292 | 0.892 | 1.053         | 10.53         | 10.526        |
| CBGa                       | 0.300 | 0.915 | 1.092         | 10.92         | 10.921        |
| CBG                        | 0.285 | 0.869 | 2.649         | 26.49         | 26.494        |
| CBCa                       | 0.262 | 0.792 | 0.212         | 2.12          | 2.116         |
| CBC                        | 0.292 | 0.877 | 1.481         | 14.81         | 14.813        |
| <b>Total THC</b>           |       |       | <b>82.503</b> | <b>825.03</b> | <b>825.03</b> |
| <b>Total CBD</b>           |       |       | <b>0.266</b>  | <b>2.66</b>   | <b>2.66</b>   |
| <b>Total Cannabinoids</b>  |       |       | <b>89.636</b> | <b>896.36</b> | <b>896.36</b> |
| <b>Sum of Cannabinoids</b> |       |       | <b>90.030</b> | <b>900.30</b> | <b>900.30</b> |

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



*Jessica Burnham*  
Jessica Burnham  
QA Supervisor | 11/13/2025



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### Terpenes

Method: SOP CA\_M-TERPENES

| Analytes            | LOD   | LOQ   | Result       | Result       |
|---------------------|-------|-------|--------------|--------------|
|                     | mg/g  | mg/g  | %            | mg/g         |
| δ-Limonene          | 0.092 | 0.269 | 1.152        | 11.52        |
| β-Caryophyllene     | 0.146 | 0.446 | 0.847        | 8.47         |
| α-Humulene          | 0.138 | 0.408 | 0.308        | 3.08         |
| β-Myrcene           | 0.162 | 0.485 | 0.301        | 3.01         |
| α-Bisabolol         | 0.231 | 0.700 | 0.219        | 2.19         |
| Linalool            | 0.177 | 0.531 | 0.211        | 2.11         |
| α-Pinene            | 0.138 | 0.423 | 0.172        | 1.72         |
| Fenchol             | 0.115 | 0.338 | 0.101        | 1.01         |
| β-Pinene            | 0.131 | 0.392 | 0.090        | 0.90         |
| Caryophyllene Oxide | 0.138 | 0.415 | 0.078        | 0.78         |
| trans-β-Ocimene     | 0.100 | 0.292 | 0.075        | 0.75         |
| trans-Nerolidol     | 0.223 | 0.669 | <LOQ         | <LOQ         |
| Guaiol              | 0.115 | 0.338 | 0.052        | 0.52         |
| Camphene            | 0.123 | 0.385 | <LOQ         | <LOQ         |
| Borneol             | 0.077 | 0.223 | 0.025        | 0.25         |
| Terpinolene         | 0.077 | 0.231 | 0.024        | 0.24         |
| Fenchone            | 0.085 | 0.254 | <LOQ         | <LOQ         |
| γ-Terpinene         | 0.085 | 0.254 | ND           | ND           |
| δ-3-Carene          | 0.154 | 0.454 | ND           | ND           |
| α-Terpinene         | 0.108 | 0.323 | ND           | ND           |
| p-Cymene            | 0.092 | 0.277 | ND           | ND           |
| Eucalyptol          | 0.062 | 0.192 | ND           | ND           |
| Camphor             | 0.085 | 0.254 | ND           | ND           |
| Valencene           | 0.146 | 0.454 | ND           | ND           |
| cis-Nerolidol       | 0.192 | 0.585 | ND           | ND           |
| Sabinene            | 0.092 | 0.292 | ND           | ND           |
| Isopulegol          | 0.177 | 0.538 | ND           | ND           |
| Isoborneol          | 0.138 | 0.431 | ND           | ND           |
| Menthol             | 0.169 | 0.500 | ND           | ND           |
| Nerol               | 0.138 | 0.415 | ND           | ND           |
| Pulegone            | 0.138 | 0.415 | ND           | ND           |
| Geraniol            | 0.162 | 0.477 | ND           | ND           |
| α-Cedrene           | 0.131 | 0.400 | ND           | ND           |
| Cedrol              | 0.131 | 0.400 | ND           | ND           |
| <b>Total</b>        |       |       | <b>3.656</b> | <b>36.56</b> |

Date Tested: 11/11/2025

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### Primary Aromas

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



  
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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    | 0.030  | 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    | 0.023  | Pass   |

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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  | 60.17  | Pass   |
| Chloroform                           | 0.21  | 0.65  | 1     | ND     | Pass   |
| Ethanol                              | 2.82  | 8.54  | 5000  | 9.88   | 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  | 11.30  | Pass   |
| Methanol                             | 2.28  | 6.90  | 3000  | <LOQ   | 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   | ND     | 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   |

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### 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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