

# Space Ranger (1g)

Sample ID: 2011CSALA3482.8834

Matrix: Concentrates & Extracts  
Type: Other  
Sample Size: 15 units  
Batch Size: 1257 units  
Batch#: RLR182

Produced: 11/17/2020  
Collected: 11/18/2020  
Received: 11/18/2020  
Completed: 11/20/2020  
Test UID: 1A4060300005F64000003692  
Source UID: 1A4060300002EE1000009986

Distributor  
**Central Coast Ag Distribution, LLC**  
Lic. # C11-0000496-LIC  
1201 Chestnut St. W, Lompoc, California, 93436

Producer  
**Central Coast Ag Products, LLC**  
Lic. # CDPH-10003156  
1201 W. Chestnut Ave., Lompoc, CA 93436



## Summary Pass

|                                       |                           |                                  |
|---------------------------------------|---------------------------|----------------------------------|
| <b>98.3590%</b><br>Total Cannabinoids | <b>Pass</b><br>Pesticides | <b>Pass</b><br>Residual Solvents |
| <b>Pass</b><br>Microbials             | <b>Pass</b><br>Mycotoxins | <b>Pass</b><br>Heavy Metals      |

## Cannabinoids Pass

Testing method: HPLC-SOP 101

| Analyte      | LOD    | LOQ    | Results        | Results         |
|--------------|--------|--------|----------------|-----------------|
|              | mg/g   | mg/g   | %              | mg/g            |
| THCa         | 0.002  | 0.006  | 97.8686        | 978.6858        |
| Δ9-THC       | 0.0038 | 0.0115 | 0.4345         | 4.3446          |
| CBGa         | 0.0016 | 0.005  | 0.0560         | 0.5596          |
| CBC          | 0.0009 | 0.0027 | ND             | ND              |
| CBD          | 0.0059 | 0.018  | ND             | ND              |
| CBDa         | 0.0012 | 0.0037 | ND             | ND              |
| CBDV         | 0.0042 | 0.0126 | ND             | ND              |
| CBG          | 0.0047 | 0.0143 | ND             | ND              |
| CBN          | 0.0014 | 0.0041 | ND             | ND              |
| THCV         | 0.0036 | 0.0111 | ND             | ND              |
| Δ8-THC       | 0.0038 | 0.0115 | ND             | ND              |
| <b>Total</b> |        |        | <b>98.3590</b> | <b>983.5901</b> |

|                              |                        |
|------------------------------|------------------------|
| <b>86.2652%</b><br>Total THC | <b>ND</b><br>Total CBD |
|------------------------------|------------------------|

Package = 1 Jar, 1.0 grams; 862.6521 mg/package Total THC; 0.0 mg/package Total CBD;

Date Tested: 11/20/2020

Total THC = THCa \* 0.877 + Δ9-THC

Total CBD = CBDa \* 0.877 + CBD

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

If the totals appear >99%, your analytical results show a combined total greater than 100%.

Analytically, the results are valid based on compound purity and innate measurement uncertainties.

## Terpenes Complete

Testing method: HS-GC-FID - SOP 201

| Analyte             | LOD   | LOQ    | Results     | Results      |
|---------------------|-------|--------|-------------|--------------|
|                     | %     | %      | %           | mg/g         |
| δ-Limonene          | 0.005 | 0.0159 | 0.70        | 7.04         |
| β-Myrcene           | 0.008 | 0.024  | 0.56        | 5.61         |
| Terpinolene         | 0.006 | 0.0168 | 0.36        | 3.61         |
| β-Caryophyllene     | 0.006 | 0.0173 | 0.26        | 2.63         |
| Ocimene             | 0.004 | 0.0109 | 0.20        | 2.05         |
| β-Pinene            | 0.005 | 0.0147 | 0.13        | 1.33         |
| α-Pinene            | 0.006 | 0.0175 | 0.12        | 1.20         |
| Linalool            | 0.008 | 0.0228 | 0.11        | 1.09         |
| α-Humulene          | 0.006 | 0.0173 | 0.06        | 0.58         |
| α-Bisabolol         | 0.01  | 0.0295 | 0.04        | 0.43         |
| trans-Nerolidol     | 0.007 | 0.0219 | 0.02        | 0.24         |
| δ-3-Carene          | 0.005 | 0.016  | 0.02        | 0.21         |
| Isopulegol          | 0.009 | 0.0282 | <LOQ        | <LOQ         |
| Camphene            | 0.005 | 0.0163 | <LOQ        | <LOQ         |
| α-Terpinene         | 0.005 | 0.0165 | <LOQ        | <LOQ         |
| Caryophyllene Oxide | 0.029 | 0.0874 | ND          | ND           |
| Eucalyptol          | 0.006 | 0.0175 | ND          | ND           |
| Geraniol            | 0.007 | 0.0205 | ND          | ND           |
| Guaial              | 0.011 | 0.0334 | ND          | ND           |
| p-Cymene            | 0.005 | 0.0162 | ND          | ND           |
| γ-Terpinene         | 0.006 | 0.0168 | ND          | ND           |
| <b>Total</b>        |       |        | <b>2.60</b> | <b>26.02</b> |

Date Tested: 11/20/2020

|  |   |   |
|--|---|---|
| <b>NT</b><br>Moisture<br>Moisture Analyzer SOP-103 | <b>NT</b><br>Water Activity<br>Water Activity Meter SOP-102 | <b>Pass</b><br>Foreign Matter<br>Visual Inspection SOP-600<br>Date Tested: 11/19/2020 |
|--|---|---|



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LABORATORY  
Accreditation No. 73653

Douglas Duncan  
Lab Director  
11/20/2020

Musa Aman  
COA Review  
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## Pesticides

Pass

Testing method: LCMS &amp; GCMS-SOP 301 and 302

| Analyte             | LOD    | LOQ    | Limit  | Results | Status | Analyte                 | LOD    | LOQ    | Limit  | Results | Status |
|---------------------|--------|--------|--------|---------|--------|-------------------------|--------|--------|--------|---------|--------|
|                     | µg/g   | µg/g   | µg/g   | µg/g    |        |                         | µg/g   | µg/g   | µg/g   | µg/g    |        |
| Abamectin           | 0.0009 | 0.003  | 0.1    | ND      | Pass   | Fludioxonil             | 0.0143 | 0.048  | 0.1    | ND      | Pass   |
| Acephate            | 0.005  | 0.017  | 0.1    | ND      | Pass   | Hexythiazox             | 0.0237 | 0.079  | 0.1    | ND      | Pass   |
| Acequinocyl         | 0.0193 | 0.064  | 0.1    | ND      | Pass   | Imazalil *              | 0.0077 | 0.026  | 0.0077 | ND      | Pass   |
| Acetamiprid         | 0.0073 | 0.024  | 0.1    | ND      | Pass   | Imidacloprid            | 0.0053 | 0.018  | 5      | ND      | Pass   |
| Aldicarb *          | 0.0094 | 0.031  | 0.0094 | ND      | Pass   | Kresoxim Methyl         | 0.0182 | 0.061  | 0.1    | ND      | Pass   |
| Azoxystrobin        | 0.015  | 0.05   | 0.1    | ND      | Pass   | Malathion               | 0.015  | 0.05   | 0.5    | ND      | Pass   |
| Bifenazate          | 0.0129 | 0.043  | 0.1    | ND      | Pass   | Metalaxyl               | 0.0076 | 0.025  | 2      | ND      | Pass   |
| Bifenthrin          | 0.029  | 0.097  | 3      | ND      | Pass   | Methiocarb *            | 0.0103 | 0.034  | 0.0103 | ND      | Pass   |
| Boscalid            | 0.0172 | 0.058  | 0.1    | ND      | Pass   | Methomyl                | 0.0109 | 0.036  | 1      | ND      | Pass   |
| Captan              | 0.036  | 0.12   | 0.7    | ND      | Pass   | Methyl Parathion *      | 0.0091 | 0.0303 | 0.0091 | ND      | Pass   |
| Carbaryl            | 0.0542 | 0.181  | 0.5    | ND      | Pass   | Mevinphos *             | 0.0041 | 0.014  | 0.0041 | ND      | Pass   |
| Carbofuran *        | 0.0077 | 0.026  | 0.0077 | ND      | Pass   | Myclobutanil            | 0.01   | 0.033  | 0.1    | ND      | Pass   |
| Chlorantraniliprole | 0.0095 | 0.032  | 10     | ND      | Pass   | Naled                   | 0.0107 | 0.036  | 0.1    | ND      | Pass   |
| Chlordane *         | 0.0055 | 0.0182 | 0.0055 | ND      | Pass   | Oxamyl                  | 0.0071 | 0.024  | 0.5    | ND      | Pass   |
| Chlorfenapyr *      | 0.0048 | 0.0159 | 0.0048 | ND      | Pass   | Paclobutrazol *         | 0.0092 | 0.031  | 0.0092 | ND      | Pass   |
| Chlorpyrifos *      | 0.0197 | 0.066  | 0.0197 | ND      | Pass   | Pentachloronitrobenzene | 0.0084 | 0.0279 | 0.1    | ND      | Pass   |
| Clofentezine        | 0.0216 | 0.072  | 0.1    | ND      | Pass   | Permethrin              | 0.0142 | 0.048  | 0.5    | ND      | Pass   |
| Coumaphos *         | 0.0196 | 0.065  | 0.0196 | ND      | Pass   | Phosmet                 | 0.0138 | 0.046  | 0.1    | ND      | Pass   |
| Cyfluthrin          | 0.0107 | 0.036  | 2      | ND      | Pass   | Piperonyl Butoxide      | 0.0156 | 0.052  | 3      | ND      | Pass   |
| Cypermethrin        | 0.0105 | 0.035  | 1      | ND      | Pass   | Prallethrin             | 0.018  | 0.06   | 0.1    | ND      | Pass   |
| Daminozide *        | 0.0052 | 0.017  | 0.0052 | ND      | Pass   | Propiconazole           | 0.013  | 0.043  | 0.1    | ND      | Pass   |
| DDVP *              | 0.0081 | 0.027  | 0.0081 | ND      | Pass   | Propoxur *              | 0.0097 | 0.033  | 0.0097 | ND      | Pass   |
| Diazinon            | 0.0134 | 0.045  | 0.1    | ND      | Pass   | Pyrethrins              | 0.0025 | 0.008  | 0.5    | ND      | Pass   |
| Dimethoate *        | 0.0083 | 0.028  | 0.0083 | ND      | Pass   | Pyridaben               | 0.0236 | 0.079  | 0.1    | ND      | Pass   |
| Dimethomorph        | 0.0025 | 0.008  | 2      | ND      | Pass   | Spinetoram              | 0.0042 | 0.014  | 0.1    | ND      | Pass   |
| Ethoprophos *       | 0.0112 | 0.037  | 0.0112 | ND      | Pass   | Spinosad                | 0.0002 | 0.001  | 0.1    | ND      | Pass   |
| Etofenprox *        | 0.0247 | 0.082  | 0.0247 | ND      | Pass   | Spiromesifen            | 0.0199 | 0.066  | 0.1    | ND      | Pass   |
| Etoxazole           | 0.0269 | 0.09   | 0.1    | ND      | Pass   | Spirotetramat           | 0.0068 | 0.023  | 0.1    | ND      | Pass   |
| Fenhexamid          | 0.0215 | 0.072  | 0.1    | ND      | Pass   | Spiroxamine *           | 0.0065 | 0.022  | 0.0065 | ND      | Pass   |
| Fenoxycarb *        | 0.0186 | 0.062  | 0.0186 | ND      | Pass   | Tebuconazole            | 0.0099 | 0.033  | 0.1    | ND      | Pass   |
| Fenpyroximate       | 0.0253 | 0.084  | 0.1    | ND      | Pass   | Thiacloprid *           | 0.0094 | 0.031  | 0.0094 | ND      | Pass   |
| Fipronil *          | 0.0228 | 0.076  | 0.0228 | ND      | Pass   | Thiamethoxam            | 0.005  | 0.017  | 5      | ND      | Pass   |
| Flonicamid          | 0.0073 | 0.024  | 0.1    | ND      | Pass   | Trifloxystrobin         | 0.0192 | 0.064  | 0.1    | ND      | Pass   |

Date Tested: 11/20/2020

\* Denotes Category I pesticides, which fail when detected; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.


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## Microbials

Testing method: PCR-SOP 401

| Analyte                       | Result       | Status |
|-------------------------------|--------------|--------|
| Aspergillus flavus            | Not Detected | Pass   |
| Aspergillus fumigatus         | Not Detected | Pass   |
| Aspergillus niger             | Not Detected | Pass   |
| Aspergillus terreus           | Not Detected | Pass   |
| Salmonella                    | Not Detected | Pass   |
| Shiga toxin-producing E. Coli | Not Detected | Pass   |

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## Mycotoxins

Testing method: LCMS-SOP 301

| Analyte          | LOD    | LOQ   | Limit | Results | Status |
|------------------|--------|-------|-------|---------|--------|
|                  | µg/kg  | µg/kg | µg/kg | µg/kg   |        |
| Aflatoxin B1     | 0.0036 | 0.012 |       | ND      | Tested |
| Aflatoxin B2     | 0.0092 | 0.031 |       | ND      | Tested |
| Aflatoxin G1     | 0.0058 | 0.019 |       | ND      | Tested |
| Aflatoxin G2     | 0.0034 | 0.011 |       | ND      | Tested |
| Total Aflatoxins |        |       | 20    | ND      | Pass   |
| Ochratoxin A     | 0.0113 | 0.038 | 20    | ND      | Pass   |

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## Heavy Metals

Testing method: ICPMS-SOP 502

| Analyte | LOD   | LOQ   | Limit | Results | Status |
|---------|-------|-------|-------|---------|--------|
|         | µg/g  | µg/g  | µg/g  | µg/g    |        |
| Arsenic | 0.006 | 0.018 | 0.2   | ND      | Pass   |
| Cadmium | 0.003 | 0.011 | 0.2   | ND      | Pass   |
| Lead    | 0.003 | 0.009 | 0.5   | 0.1     | Pass   |
| Mercury | 0.01  | 0.033 | 0.1   | ND      | Pass   |

Date Tested: 11/19/2020

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## Residual Solvents

Testing method: HSGCMS-SOP 202

**Pass**

| Analyte             | LOD   | LOQ   | Limit | Results | Status |
|---------------------|-------|-------|-------|---------|--------|
|                     | µg/g  | µg/g  | µg/g  | µg/g    |        |
| 1,2-Dichloro-Ethane | 0.1   | 0.4   | 1     | ND      | Pass   |
| Acetone             | 64.0  | 214.0 | 5000  | ND      | Pass   |
| Acetonitrile        | 36.0  | 119.0 | 410   | ND      | Pass   |
| Benzene             | 0.1   | 0.2   | 1     | ND      | Pass   |
| Butane              | 42.0  | 141.0 | 5000  | <LOQ    | Pass   |
| Chloroform          | 0.1   | 0.4   | 1     | ND      | Pass   |
| Ethanol             | 59.0  | 197.0 | 5000  | ND      | Pass   |
| Ethyl-Acetate       | 43.0  | 144.0 | 5000  | ND      | Pass   |
| Ethylene Oxide      | 0.2   | 0.6   | 1     | ND      | Pass   |
| Ethyl-Ether         | 40.0  | 134.0 | 5000  | ND      | Pass   |
| Heptane             | 46.0  | 154.0 | 5000  | ND      | Pass   |
| Isopropanol         | 41.0  | 138.0 | 5000  | ND      | Pass   |
| Methanol            | 160.0 | 534.0 | 3000  | ND      | Pass   |
| Methylene-Chloride  | 0.1   | 0.4   | 1     | ND      | Pass   |
| n-Hexane            | 42.0  | 139.0 | 290   | ND      | Pass   |
| Pentane             | 69.0  | 229.0 | 5000  | ND      | Pass   |
| Propane             | 21.0  | 70.0  | 5000  | ND      | Pass   |
| Toluene             | 47.0  | 156.0 | 890   | ND      | Pass   |
| Trichloroethene     | 0.1   | 0.4   | 1     | ND      | Pass   |
| Xylenes             | 86.0  | 287.0 | 2170  | ND      | Pass   |

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