

Morning Sky (1g) PASS



SAMPLE ID
246658

SAMPLE NAME
Morning Sky (1g)

MATRIX
Concentrate

BATCH ID
RLRS071

TRACK AND TRACE TEST PACKAGE
1A4060300005F64000003335

TRACK AND TRACE SOURCE PACKAGE(S)
1A4060300002EE1000008249

COLLECTED, RECEIVED
10/05/2020 12:12, 10/06/2020 05:33

BATCH SIZE, SAMPLE SIZE
3577 units, 20 units

PRODUCTION DATE
10/02/2020

DISTRIBUTOR INFO
**Central Coast Ag Distribution, LLC
1201 W. Chestnut St.
Lompoc, CA 93436
License: C11-0000496-LIC**

MANUFACTURER INFO
**Central Coast AG Products, LLC
1201 West Chestnut Ave.
Lompoc, CA 93436
License: CDPH-10003156**

**TOTAL
CANNABINOIDS**

79.71 %

**TOTAL
THC**

68.47 %

**TOTAL
CBD**

ND

**TOTAL
TERPENES**

6.51 %

Chemical Residue

No Analytes Detected

PASS

Chemical Residue GC

No Analytes Detected

PASS

Residual Solvent

Acetone: <LLOQ, Hexane: <LLOQ

PASS

Compliance Microbial

No Analytes Detected

PASS

Heavy Metals

Lead: 0.0641 ug/g

PASS

Mycotoxins

No Analytes Detected

PASS

Filth and Foreign Material

No Analytes Detected

PASS



CANNABINOID ANALYSIS

i Total THC,CBD value(s) have been decarboxylated.

TOTAL THC: 684.7 mg/g (68.47 %), 684.7 mg per package
 TOTAL CBD: ND
 TOTAL CANNABINOIDS: 797.1 mg/g (79.71 %)

UNIT OF MEASUREMENT: Milligrams per Gram(mg/g)

ANALYTE	RESULT	LOD	LLOQ
THCa	750.9 mg/g (75.09 %)	0.2000	0.4000
D9THC	26.19 mg/g (2.619 %)	0.2000	0.4000
D8THC	ND	0.2000	0.4000
THCv	ND	0.2000	0.4000
CBDa	ND	0.2000	0.4000
CBD	ND	0.2000	0.4000

ANALYTE	RESULT	LOD	LLOQ
CBDv	ND	0.2000	0.4000
CBGa	15.29 mg/g (1.529 %)	0.2000	0.4000
CBG	4.757 mg/g (0.4757 %)	0.2000	0.4000
CBN	ND	0.2000	0.4000
CBC	ND	0.2000	0.4000

ADDITIONAL INFORMATION

Method: SOP-TECH-001
 Instrument: UPLC-DAD

Sample Prepped: 10/06/2020 14:24
 Sample Analyzed: 10/06/2020 16:59

Sample Approved: 10/07/2020 14:02
 Prep-Analytical Batch: 21797-16728

TERPENE ANALYSIS

UNIT OF MEASUREMENT: Milligrams per Gram(mg/g)

ANALYTE	RESULT	LOD	LLOQ
3-Carene	ND	0.5000	1.000
Alpha cedrene	ND	0.5000	1.000
Alpha pinene	<LLOQ	0.5000	1.000
Alpha terpineol	<LLOQ	0.3300	0.6500
Beta myrcene	12.66 mg/g (1.266 %)	0.5000	1.000
Borneol	ND	0.5000	1.000
Camphor	ND	0.5000	1.000
Cedrol	ND	0.5000	1.000
Eucalyptol	ND	0.5000	1.000
Fenchone	ND	0.5000	1.000
Gamma terpineol	ND	0.1000	0.2100
Guaiol	2.284 mg/g (0.2284 %)	0.5000	1.000
Isopulegol	ND	0.5000	1.000
Linalool	1.253 mg/g (0.1253 %)	0.5000	1.000
Ocimene 1	ND	0.1600	0.3100
P-cymene	ND	0.5200	1.050
Pulegone	ND	0.5000	1.000
Sabinene hydrate	ND	0.5000	1.000
Trans beta farnesene	ND	0.5000	1.000
Trans nerolidol	ND	0.5000	1.000

ANALYTE	RESULT	LOD	LLOQ
Alpha bisabolol	1.251 mg/g (0.1251 %)	0.5000	1.000
Alpha humulene	9.257 mg/g (0.9257 %)	0.5000	1.000
Alpha terpinene	ND	0.5000	1.000
Beta caryophyllene	28.82 mg/g (2.882 %)	0.5000	1.000
Beta pinene	<LLOQ	0.6100	1.210
Camphene	ND	0.5000	1.000
Caryophyllene oxide	ND	0.5000	1.000
Cis nerolidol	ND	0.5000	1.000
Fenchol	ND	0.5000	1.000
Gamma terpinene	ND	0.5000	1.000
Geranyl acetate	ND	0.5000	1.000
Isoborneol	ND	0.5000	1.000
Limonene	3.880 mg/g (0.3880 %)	0.5000	1.000
Menthol	ND	0.5000	1.000
Ocimene 2	4.275 mg/g (0.4275 %)	0.3500	0.6900
P-mentha-1,5-diene	ND	0.5000	1.000
Sabinene	ND	0.5000	1.000
Terpinolene	1.499 mg/g (0.1499 %)	0.5000	1.000
Trans geraniol	ND	0.5000	1.000
Valencene	ND	0.5000	1.000

ADDITIONAL INFORMATION

Method: SOP-TECH-027
 Instrument: GC-MS-FID

Sample Prepped: 10/06/2020 16:57
 Sample Analyzed: 10/06/2020 16:57

Sample Approved: 10/07/2020 16:12
 Prep-Analytical Batch: 21802-16726



CHEMICAL RESIDUE ANALYSIS PASS

UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Abamectin	ND	0.0200	0.0400	0.1000 Pass	Acephate	ND	0.0200	0.0400	0.1000 Pass
Acequinocyl	ND	0.0200	0.0400	0.1000 Pass	Acetamiprid	ND	0.0200	0.0400	0.1000 Pass
Aldicarb	ND	0.0200	0.0400	0.0 Pass	Azoxystrobin	ND	0.0200	0.0400	0.1000 Pass
Bifenazate	ND	0.0200	0.0400	0.1000 Pass	Bifenthrin	ND	0.0200	0.0400	3.000 Pass
Boscalid	ND	0.0200	0.0400	0.1000 Pass	Carbaryl	ND	0.0200	0.0400	0.5000 Pass
Carbofuran	ND	0.0200	0.0400	0.0 Pass	Chlorantraniliprole	ND	0.0200	0.0400	10.00 Pass
Clofentezine	ND	0.0200	0.0400	0.1000 Pass	Coumaphos	ND	0.0200	0.0400	0.0 Pass
Cyfluthrin	ND	0.4000	1.000	2.000 Pass	Cypermethrin	ND	0.4000	1.000	1.000 Pass
Daminozide	ND	0.0200	0.0400	0.0 Pass	Diazinon	ND	0.0200	0.0400	0.1000 Pass
Dichlorvos	ND	0.0200	0.0400	0.0 Pass	Dimethoate	ND	0.0200	0.0400	0.0 Pass
Dimethomorph	ND	0.0200	0.0400	2.000 Pass	Ethoprophos	ND	0.0200	0.0400	0.0 Pass
Etofenprox	ND	0.0200	0.0400	0.0 Pass	Etoxazole	ND	0.0200	0.0400	0.1000 Pass
Fenhexamid	ND	0.0200	0.0400	0.1000 Pass	Fenoxycarb	ND	0.0200	0.0400	0.0 Pass
Fenpyroximate	ND	0.0200	0.0400	0.1000 Pass	Fipronil	ND	0.0400	0.1000	0.0 Pass
Flonicamid	ND	0.0200	0.0400	0.1000 Pass	Fludioxonil	ND	0.0200	0.0400	0.1000 Pass
Hexythiazox	ND	0.0200	0.0400	0.1000 Pass	Imazalil	ND	0.0200	0.0400	0.0 Pass
Imidacloprid	ND	0.0200	0.0400	5.000 Pass	Kresoxim methyl	ND	0.0200	0.0400	0.1000 Pass
Malathion	ND	0.0200	0.0400	0.5000 Pass	Metalaxyl	ND	0.0200	0.0400	2.000 Pass
Methiocarb	ND	0.0200	0.0400	0.0 Pass	Methomyl	ND	0.0200	0.0400	1.000 Pass
Mevinphos	ND	0.0200	0.0400	0.0 Pass	Myclobutanil	ND	0.0200	0.0400	0.1000 Pass
Naled	ND	0.0200	0.0400	0.1000 Pass	Oxamyl	ND	0.0200	0.0400	0.5000 Pass
Paclobutrazol	ND	0.0200	0.0400	0.0 Pass	Permethrins	ND	0.0400	0.1000	0.5000 Pass
Phosmet	ND	0.0200	0.0400	0.1000 Pass	Piperonyl butoxide	ND	0.0200	0.0400	3.000 Pass
Prallethrin	ND	0.0200	0.0400	0.1000 Pass	Propiconazole	ND	0.0200	0.0400	0.1000 Pass
Propoxur	ND	0.0200	0.0400	0.0 Pass	Pyrethrins	ND	0.0200	0.0400	0.5000 Pass
Pyridaben	ND	0.0200	0.0400	0.1000 Pass	Spinetoram	ND	0.0200	0.0400	0.1000 Pass
Spinosad	ND	0.0300	0.0700	0.1000 Pass	Spiromesifen	ND	0.0200	0.0400	0.1000 Pass
Spirotetramat	ND	0.0200	0.0400	0.1000 Pass	Spiroxamine	ND	0.0200	0.0400	0.0 Pass
Tebuconazole	ND	0.0200	0.0400	0.1000 Pass	Thiacloprid	ND	0.0200	0.0400	0.0 Pass
Thiamethoxam	ND	0.0200	0.0400	5.000 Pass	Trifloxystrobin	ND	0.0200	0.0400	0.1000 Pass

ADDITIONAL INFORMATION

Method: SOP-TECH-002
Instrument: LC-MS/MS

Sample Prepped: 10/06/2020 17:11
Sample Analyzed: 10/06/2020 17:11

Sample Approved: 10/07/2020 15:25
Prep-Analytical Batch: 21808-16730



CHEMICAL RESIDUE GC ANALYSIS PASS

UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Captan	ND	0.1000	0.2000	0.7000 Pass	Chlordane	ND	0.0109	0.0136	0.0 Pass
Methyl parathion	ND	0.0400	0.1000	0.0 Pass	PCNB	ND	0.0200	0.0400	0.1000 Pass
Chlorfenapyr	ND	0.0800	0.1000	0.0 Pass	Chlorpyrifos	ND	0.0800	0.1000	0.0 Pass

ADDITIONAL INFORMATION

Method: SOP-TECH-010
Instrument: GC-MS/MS

Sample Prepped: 10/06/2020 17:11
Sample Analyzed: 10/06/2020 17:12

Sample Approved: 10/07/2020 13:23
Prep-Analytical Batch: 21809-16731

RESIDUAL SOLVENT ANALYSIS PASS

UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Acetone	<LLOQ	5.000	250.0	5000 Pass	Acetonitrile	ND	5.000	50.00	410.0 Pass
Benzene	ND	0.5000	1.000	1.000 Pass	Butane	ND	76.80	96.00	5000 Pass
Chloroform	ND	0.5000	1.000	1.000 Pass	Ethanol	ND	10.00	50.00	5000 Pass
Ethyl Acetate	ND	5.000	50.00	5000 Pass	Ethyl Ether	ND	25.00	50.00	5000 Pass
Ethylene oxide	ND	0.5000	1.000	1.000 Pass	Heptane	ND	1.000	5.000	5000 Pass
Hexane	<LLOQ	0.5000	5.000	290.0 Pass	Isopropyl Alcohol	ND	5.000	50.00	5000 Pass
Methanol	ND	10.00	50.00	3000 Pass	Methylene chloride	ND	0.5000	1.000	1.000 Pass
Pentane	ND	1.000	50.00	5000 Pass	Propane	ND	16.00	20.00	5000 Pass
Toluene	ND	0.5000	1.000	890.0 Pass	Xylenes	ND	6.000	100.0	2170 Pass
Trichloroethylene	ND	0.2500	1.000	1.000 Pass	1,2-Dichloroethane	ND	0.5000	1.000	1.000 Pass

ADDITIONAL INFORMATION

Method: SOP-TECH-021
Instrument: HS-GC-MS/FID

Sample Prepped: 10/06/2020 15:28
Sample Analyzed: 10/06/2020 15:29

Sample Approved: 10/07/2020 14:39
Prep-Analytical Batch: 21786-16720

MICROBIAL qPCR ANALYSIS PASS

UNIT OF MEASUREMENT: Cycle Threshold (Ct)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
A.fumigatus	ND	33.00	0.0	0.0 Pass	A. flavus	ND	33.00	0.0	0.0 Pass
A. niger	ND	33.00	0.0	0.0 Pass	A. terreus	ND	33.00	0.0	0.0 Pass
STEC	ND	33.00	0.0	0.0 Pass	Salmonella spp	ND	33.00	0.0	0.0 Pass

ADDITIONAL INFORMATION

Method: SOP-TECH-016, SOP-TECH-022
Instrument: qPCR

Sample Prepped: 10/06/2020 17:06
Sample Analyzed: 10/07/2020 08:33

Sample Approved: 10/07/2020 16:55
Prep-Analytical Batch: 21812-16741



HEAVY METALS ANALYSIS PASS

UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Arsenic	ND	0.0200	0.0500	0.2000 Pass	Cadmium	ND	0.0050	0.0500	0.2000 Pass
Lead	0.0641 ug/g	0.0100	0.0500	0.5000 Pass	Mercury	ND	0.0030	0.0500	0.1000 Pass

ADDITIONAL INFORMATION

Method: SOP-TECH-013
Instrument: ICP-MS

Sample Prepped: 10/07/2020 10:04
Sample Analyzed: 10/07/2020 10:06

Sample Approved: 10/10/2020 20:43
Prep-Analytical Batch: 21824-16747

MYCOTOXINS ANALYSIS PASS

UNIT OF MEASUREMENT: Micrograms per Kilogram(ug/kg)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Aflatoxin B1	ND	1.000	2.000	N/A	Aflatoxin B2	ND	2.000	5.000	N/A
Aflatoxin G1	ND	2.000	5.000	N/A	Aflatoxin G2	ND	2.000	5.000	N/A
Total Aflatoxins	ND	10.00	14.00	20.00 Pass	Ochratoxin A	ND	1.000	2.000	20.00 Pass

ADDITIONAL INFORMATION

Method: SOP-TECH-020
Instrument: LC-MS/MS

Sample Prepped: 10/06/2020 14:01
Sample Analyzed: 10/06/2020 14:01

Sample Approved: 10/07/2020 14:42
Prep-Analytical Batch: 21785-16712

FILTH & FOREIGN MATERIAL ANALYSIS PASS

UNIT OF MEASUREMENT: Filth and Foreign Matter (%)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
IF RH ME	ND	0.0	0.0	3.000 Pass	IFM	ND	0.0	0.0	25.00 Pass
Mold	ND	0.0	0.0	25.00 Pass	SSCD	ND	0.0	0.0	25.00 Pass

ADDITIONAL INFORMATION

Method: SOP-TECH-009
Instrument: Visual Inspection

Sample Prepped: 10/06/2020 14:59
Sample Analyzed: 10/06/2020 14:59

Sample Approved: 10/06/2020 15:18
Prep-Analytical Batch: 21800-16718



This report applies to the sample investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. This report provides technical results for a specific sample and the report shall not be altered, modified, supplemented, or abstracted in any manner. Any violation of these conditions renders the report and its results void.

All LQC samples required by state regulations were performed and met the acceptance criteria.

THIS COA WAS REVIEWED AND APPROVED ON 10/10/2020 IN ACCORDANCE WITH REGULATORY REQUIREMENTS



Kathryn Riker
Quality Control Manager

