

Aurora Borealis (0.33g) PASS



SAMPLE ID
291560

SAMPLE NAME
Aurora Borealis (0.33g)

MATRIX
Concentrate

BATCH ID
RV2000178R

TRACK AND TRACE TEST PACKAGE
1A4060300005F64000004172

TRACK AND TRACE SOURCE PACKAGE(S)
1A4060300002EE1000011927

COLLECTED, RECEIVED
01/29/2021 11:49, 01/30/2021 06:49

BATCH SIZE, SAMPLE SIZE
2456 units, 55 units

MANUFACTURE DATE
01/27/2021

DISTRIBUTOR INFO
Central Coast Ag Distribution, LLC
1201 W. Chestnut Ave.
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 **87.03 %**

TOTAL THC **83.70 %**

TOTAL CBD **ND**

TOTAL TERPENES **6.74 %**

Chemical Residue PASS
No Analytes Detected

Chemical Residue GC PASS
No Analytes Detected

Residual Solvent PASS
Isopropyl Alcohol: <LLOQ

Compliance Microbial PASS
No Analytes Detected

Heavy Metals PASS
No Analytes Detected

Mycotoxins PASS
No Analytes Detected

Filth and Foreign Material PASS
No Analytes Detected





CANNABINOID ANALYSIS

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

TOTAL THC: 837.0 mg/g (83.70 %), 276.21 mg per package
 TOTAL CBD: ND
 TOTAL CANNABINOIDS: 870.3 mg/g (87.03 %)

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

ANALYTE	RESULT	LOD	LLOQ	ANALYTE	RESULT	LOD	LLOQ
THCa	ND	0.2000	0.4000	CBDv	ND	0.2000	0.4000
D9THC	837.0 mg/g (83.70 %)	0.2000	0.4000	CBGa	ND	0.2000	0.4000
D8THC	ND	0.2000	0.4000	CBG	30.62 mg/g (3.062 %)	0.2000	0.4000
THCv	2.704 mg/g (0.2704 %)	0.2000	0.4000	CBN	ND	0.2000	0.4000
CBDa	ND	0.2000	0.4000	CBC	ND	0.2000	0.4000
CBD	ND	0.2000	0.4000				

ADDITIONAL INFORMATION

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

Sample Prepped: 01/30/2021 14:28
 Sample Analyzed: 01/30/2021 14:29

Sample Approved: 02/02/2021 11:46
 Prep-Analytical Batch: 26138-20542



TERPENE ANALYSIS

TOTAL TERPENES: 67.45 mg/g (6.745 %)

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

ANALYTE	RESULT	LOD	LLOQ	ANALYTE	RESULT	LOD	LLOQ
3-Carene	ND	1.000	2.500	Alpha bisabolol	<LLOQ	0.1000	0.5000
Alpha cedrene	ND	1.000	2.500	Alpha humulene	2.059 mg/g (0.2059 %)	0.5000	1.000
Alpha pinene	2.079 mg/g (0.2079 %)	0.1000	1.000	Alpha terpinene	ND	0.5000	1.000
Alpha terpineol	ND	0.3260	0.6520	Beta caryophyllene	8.225 mg/g (0.8225 %)	0.5000	1.000
Beta myrcene	30.14 mg/g (3.014 %)	0.5000	1.000	Beta pinene	1.572 mg/g (0.1572 %)	0.6070	1.214
Borneol	ND	1.000	2.500	Camphene	ND	0.5000	1.000
Camphor	ND	0.1000	0.5000	Caryophyllene oxide	ND	0.5000	2.500
Cedrol	ND	0.5000	1.000	Cis nerolidol	ND	2.500	5.000
Eucalyptol	<LLOQ	0.1000	0.5000	Fenchol	ND	0.5000	1.000
Fenchone	<LLOQ	0.1000	0.5000	Gamma terpinene	ND	0.1000	0.5000
Gamma terpineol	ND	0.2090	0.5230	Geranyl acetate	ND	0.1000	0.5000
Guaiol	ND	2.500	5.000	Isoborneol	ND	0.5000	1.000
Isopulegol	ND	2.500	5.000	Limonene	4.830 mg/g (0.4830 %)	0.5000	2.500
Linalool	3.418 mg/g (0.3418 %)	0.5000	1.000	Menthol	ND	1.000	2.500
Ocimene 1	<LLOQ	0.1550	0.3100	Ocimene 2	13.51 mg/g (1.351 %)	0.3450	1.725
P-cymene	ND	0.5230	1.045	P-mentha-1,5-diene	ND	0.5000	1.000
Pulegone	ND	0.1000	0.5000	Sabinene	ND	0.5000	1.000
Terpinolene	1.626 mg/g (0.1626 %)	0.1000	0.5000	Trans beta farnesene	ND	2.500	5.000
Trans nerolidol	ND	0.5000	2.500	Valencene	ND	0.5000	1.000



ADDITIONAL INFORMATION

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

Sample Prepped: 01/30/2021 15:04
Sample Analyzed: 01/30/2021 15:05

Sample Approved: 02/02/2021 15:13
Prep-Analytical Batch: 26140-20543

 **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
Fonicamid	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: 02/01/2021 14:46
Sample Analyzed: 02/01/2021 14:48

Sample Approved: 02/02/2021 11:43
Prep-Analytical Batch: 26155-20563



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: 02/01/2021 14:47
Sample Analyzed: 02/01/2021 14:49

Sample Approved: 02/02/2021 14:25
Prep-Analytical Batch: 26156-20564

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	ND	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	ND	0.5000	5.000	290.0 Pass	Isopropyl Alcohol	<LLOQ	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: 01/30/2021 16:15
Sample Analyzed: 01/30/2021 16:23

Sample Approved: 02/01/2021 13:20
Prep-Analytical Batch: 26141-20544

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: 02/01/2021 06:06
Sample Analyzed: 02/01/2021 06:15

Sample Approved: 02/01/2021 11:19
Prep-Analytical Batch: 26130-20545



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	ND	0.0100	0.0500	0.5000	Pass	Mercury	ND	0.0030	0.0500	0.1000	Pass

ADDITIONAL INFORMATION

Method: SOP-TECH-013 Sample Prepped: 02/01/2021 11:43 Sample Approved: 02/01/2021 20:45
 Instrument: ICP-MS Sample Analyzed: 02/01/2021 11:50 Prep-Analytical Batch: 26144-20554

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 Sample Prepped: 02/01/2021 14:47 Sample Approved: 02/02/2021 13:03
 Instrument: LC-MS/MS Sample Analyzed: 02/01/2021 14:49 Prep-Analytical Batch: 26160-20565

FILTH & FOREIGN MATERIAL ANALYSIS PASS

UNIT OF MEASUREMENT: Filth and Foreign Matter (% ,#/3g)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL		ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	
IF RH ME	ND	0.0	0.0	1.000	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 Sample Prepped: 01/30/2021 11:24 Sample Approved: 01/30/2021 11:28
 Instrument: Visual Inspection Sample Analyzed: 01/30/2021 11:24 Prep-Analytical Batch: 26134-20530

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 02/02/2021 IN ACCORDANCE WITH REGULATORY REQUIREMENTS



Kathryn Riker
Quality Control Manager

