Punch Berry (1g) PASS

SAMPLE ID
303997

SAMPLE NAME
Punch Berry (1g)

MATRIX
Concentrate

BATCH ID
2000045

TRACK AND TRACE TEST PACKAGE
1A4060300005F64000004297

TRACK AND TRACE SOURCE PACKAGE(S)
1A4060300002EE1000010649

COLLECTED, RECEIVED
02/12/2021 12:38, 02/13/2021 09:04

BATCH SIZE, SAMPLE SIZE
5490 units, 20 units

MANUFACTURE DATE
02/10/2021

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	81.27 %
TOTAL THC	70.43 %
TOTAL CBD	ND
TOTAL TERPENES	6.57 %

Chemical Residue No Analytes Detected	PASS
Chemical Residue GC No Analytes Detected	PASS
Residual Solvent Acetone: <LLOQ	PASS
Compliance Microbial No Analytes Detected	PASS
Heavy Metals Lead: <LLOQ, Cadmium: <LLOQ	PASS
Mycotoxins No Analytes Detected	PASS
Filth and Foreign Material No Analytes Detected	PASS

CANNABINOID ANALYSIS

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

TOTAL THC:	704.3 mg/g (70.43 %), 704.3 mg per package
TOTAL CBD:	ND
TOTAL CANNABINOIDS:	812.7 mg/g (81.27 %)

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

ANALYTE	RESULT	LOD	LLOQ	ANALYTE	RESULT	LOD	LLOQ
THCa	779.7 mg/g (77.97 %)	0.2000	0.4000	CBDv	ND	0.2000	0.4000
D9THC	20.52 mg/g (2.052 %)	0.2000	0.4000	CBGa	10.28 mg/g (1.028 %)	0.2000	0.4000
D8THC	ND	0.2000	0.4000	CBG	2.193 mg/g (0.2193 %)	0.2000	0.4000
THCv	ND	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	Sample Prepped:	02/13/2021 13:06	Sample Approved:	02/15/2021 10:13
Instrument:	UPLC-DAD	Sample Analyzed:	02/13/2021 15:03	Prep-Analytical Batch:	26609-20981

TERPENE ANALYSIS

TOTAL TERPENES:	65.71 mg/g (6.571 %)

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	2.191 mg/g (0.2191 %)	0.1000	0.5000
Alpha cedrene	ND	1.000	2.500	Alpha humulene	5.590 mg/g (0.5590 %)	0.5000	1.000
Alpha pinene	2.169 mg/g (0.2169 %)	0.1000	1.000	Alpha terpinene	ND	0.5000	1.000
Alpha terpineol	1.563 mg/g (0.1563 %)	0.3260	0.6520	Beta caryophyllene	16.03 mg/g (1.603 %)	0.5000	1.000
Beta myrcene	11.82 mg/g (1.182 %)	0.5000	1.000	Beta pinene	1.707 mg/g (0.1707 %)	0.6070	1.214
Borneol	ND	1.000	2.500	Camphene	<LLOQ	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	ND	0.1000	0.5000	Fenchol	2.008 mg/g (0.2008 %)	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	14.64 mg/g (1.464 %)	0.5000	2.500
Linalool	2.921 mg/g (0.2921 %)	0.5000	1.000	Menthol	ND	1.000	2.500
Ocimene 1	<LLOQ	0.1550	0.3100	Ocimene 2	3.532 mg/g (0.3532 %)	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	1.542 mg/g (0.1542 %)	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: 02/13/2021 16:06
Sample Analyzed: 02/13/2021 16:06

Sample Approved: 02/15/2021 17:54
Prep-Analytical Batch: 26615-20989

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: 02/17/2021 10:11
Sample Analyzed: 02/17/2021 10:49

Sample Approved: 02/18/2021 19:02
Prep-Analytical Batch: 26699-21059

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: 02/13/2021 12:16
Sample Analyzed: 02/13/2021 13:00

Sample Approved: 02/15/2021 15:04
Prep-Analytical Batch: 26611-20977

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	ND	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: 02/15/2021 17:02
Sample Analyzed: 02/15/2021 17:06

Sample Approved: 02/16/2021 14:26
Prep-Analytical Batch: 26655-21017

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: 02/15/2021 06:07
Sample Analyzed: 02/15/2021 06:24

Sample Approved: 02/15/2021 17:12
Prep-Analytical Batch: 26621-20992

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	<LLOQ	0.0050	0.0500	0.2000	Pass
Lead	<LLOQ	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: 02/16/2021 09:25
Sample Analyzed: 02/16/2021 13:38

Sample Approved: 02/16/2021 18:24
Prep-Analytical Batch: 26664-21037

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: 02/15/2021 11:04
Sample Analyzed: 02/15/2021 12:32

Sample Approved: 02/16/2021 18:53
Prep-Analytical Batch: 26628-21006

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
Instrument: Visual Inspection

Sample Prepped: 02/13/2021 13:49
Sample Analyzed: 02/13/2021 13:50

Sample Approved: 02/13/2021 13:58
Prep-Analytical Batch: 26618-20980

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 02/18/2021 IN ACCORDANCE WITH REGULATORY REQUIREMENTS

Kathryn Riker
Quality Control Manager