

# Certificate of Analysis

ICAL ID: C 20250211-007 Sample: CA250211-001-013 Aurora Borealis Joints Strain: Aurora Borealis Joints Category: Plant Type: Enhanced/Infused Preroll CENTRAL COAST AG DISTRIBUTION, LLC Lic. # C11-0001495-LIC 424 COMMERCE CT LOMPOC, CA 93436 Central Coast Ag Products, LLC Lic. # CDPH-10003156 1201 W Chestnut Ave Lompoc, California 93436 Batch#: 250000257 Batch Size Collected: 13 units Total Batch Size: 2,862 units Collected: 02/11/2025; Received: 02/11/2025 Completed: 02/14/2025

METRC Sample: 1A4060300040B29000012361; METRC Batch: 1A4060300002EE1000081466;

Moisture	Total THC	Total CBD	Total Cannabinoids	Sum of Cannabinoids	Total Terpenes
8.1%	30.93%	ND	31.46%	35.67%	2.410%
Water Activity					
0.532 aw	180.44 mg/serving	0.00 mg/serving	183.51 mg/serving		

Summary	SOP Used	Date Tested	
Batch Cannabinoids Moisture Water Activity Terpenes Residual Solvents Microbials Mycotoxins Heavy Metals Foreign Matter Pesticides	POT-PREP-003 High MOISTURE-001 WA-PREP-001 TERP-PREP-001 RS-PREP-001 MICRO-PREP-001 PESTMYCO-LC-PREP-001 HM-PREP-001 FM-PREP-001 PESTMYCO-LC-PREP-001/ PESTMYCO-LC-PREP-001/ PESTMYCO-LC-PREP-001/	02/13/2025 02/12/2025 02/13/2025 02/13/2025 02/13/2025 02/14/2025 02/12/2025 02/12/2025 02/12/2025 02/12/2025	Pass Pass 8.1% Pass - 0.532 aw Complete Pass Pass Pass Pass Pass Pass Pass





Scan to see results

### **Cannabinoid Profile**

1 Unit = package, 1.75 g. 3 serving(s) per package.

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit
THCa	0.3039	0.1013	33.66	336.6	589.0	CBGa	0.2948	0.0983	0.60	6.0	10.5
Δ9-THC	0.2210	0.0737	1.41	14.1	24.7	CBG	0.1890	0.0630	ND	ND	ND
Δ8-THC	0.1343	0.0448	ND	ND	ND	CBL	0.1305	0.0435	ND	ND	ND
THCV	0.1021	0.0340	ND	ND	ND	CBN	0.1890	0.0630	ND	ND	ND
CBDa	0.3993	0.1331	ND	ND	ND	CBT	0.2366	0.0789	ND	ND	ND
CBD	0.1674	0.0558	ND	ND	ND	Total THC			30.93	309.32	541.31
CBDV	0.1327	0.0442	ND	ND	ND	Total CBD			ND	ND	ND
CBC	0.5463	0.1821	ND	ND	ND	Total			31.46	314.59	550.53
						Sum of Cannabinoids			35.67	356.73	624.27

Total THC=THCa\*0.877 + d9-THC + d8-THC; Total CBD = CBDa\*0.877 + CBD. Total Cannabinoids=(Acidic Cannabinoids)\*0.877+Non-acidic Cannabinoids; Sum of Cannabinoids=Acidic Cannabinoids+Non-acidic Cannabinoids. LOD= Limit of Detection, LOQ= Limit of Quantitation, ND= Not Detected, NR= Not Reported. Potency is reported on a dry weight basis. Instrumentation and analysis SOPs used: Cannabinoids:UHPLC-DAD(POT-INST-005), Moisture:Moisture Analyzer (MOISTURE-001), Water Activity:Water Activity Meter (WA-INST-002), Foreign Material:Microscope (FOREIGN-001). Density measured at 19-24°C, Water Activity measured at 0-90% RH. All QA submitted by the client, All CA State Compliance sampled using SAMPL-SOP-001.

### **Terpene Profile**

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	
β-Caryophyllene	0.61	0.16	0.934	9.34	
δ-Limonene	0.31	0.09	0.432	4.32	
α-Humulene	0.15	0.02	0.201	2.01	
β-Myrcene	0.15	0.03	0.158	1.58	
α-Pinene	0.15	0.02	0.149	1.49	
Caryophyllene Oxide	0.60	0.07	0.126	1.26	
Linalool	0.15	0.03	0.124	1.24	
β-Pinene	0.31	0.03	0.123	1.23	
Fenchol	0.15	0.02	0.060	0.60	
α-Terpineol	0.15	0.03	0.054	0.54	
α-Bisabolol	0.15	0.05	0.049	0.49	
α-Cedrene	0.15	0.04	ND	ND	
α-Terpinene	0.15	0.04	ND	ND	
β-Eudesmol	0.22	0.07	ND	ND	
Borneol	0.15	0.02	<loq< th=""><th><loq< th=""><th></th></loq<></th></loq<>	<loq< th=""><th></th></loq<>	
Camphene	0.15	0.01	<loq< th=""><th><loq< th=""><th></th></loq<></th></loq<>	<loq< th=""><th></th></loq<>	
Camphor	0.31	0.05	NĎ	NĎ	

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	
Cedrol	0.15	0.02	ND	ND	
cis-Nerolidol	0.35	0.12	ND	ND	
Citronellol	0.60	0.12	ND	ND	
δ-3-Carene	0.31	0.03	ND	ND	
Eucalyptol	0.18	0.06	ND	ND	
Fenchone	0.15	0.01	<loq< th=""><th><loq< th=""><th></th></loq<></th></loq<>	<loq< th=""><th></th></loq<>	
y-Terpinene	0.15	0.03	ND	ND	
Geraniol	0.61	0.09	ND	ND	
Geranyl Acetate	0.15	0.02	ND	ND	
Isoborneol	0.15	0.02	ND	ND	
Menthol	0.19	0.06	ND	ND	
(-)-Guaiol	0.15	0.02	ND	ND	
Pulegone	0.15	0.05	ND	ND	
p-Cymene	0.16	0.05	ND	ND	
Terpinolene	0.15	0.02	<loq< th=""><th><loq< th=""><th></th></loq<></th></loq<>	<loq< th=""><th></th></loq<>	
trans-Nerolidol	0.12	0.04	ND	ND	
Total			2.410	24.10	

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP TERP-INITION.



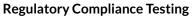
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Josh M Swider

Josh Swider Lab Director, Managing Partner 02/14/2025 Confident LIMS
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METRC Sample: 1A4060300040B29000012361; METRC Batch: 1A4060300002EE1000081466;

### **Residual Solvent Analysis**

Category 1	LOQ LOD	Limit S	tatus	Category 2		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status
·	μg/g μg/g μg/g	μg/g			μg/g	μg/g	μg/g	μg/g			μg/g	μg/g	μg/g	μg/g	
1,2-Dichloro-Ethane	ND 0.291 0.097	1	Pass	Acetone	ND	51.246	8.173	5000	Pass	n-Hexane	ND	0.281	0.058	290	Pass
Benzene	ND 0.048 0.015	1	Pass	Acetonitrile	ND	2.852	0.951	410	Pass	Isopropanol	ND	2.86	0.351	5000	Pass
Chloroform	ND 0.052 0.017	1	Pass	Butane	ND	4.849	0.79	5000	Pass	Methanol	ND	8.623	2.874	3000	Pass
Ethylene Oxide	ND 0.579 0.107	1	Pass	Ethanol	ND	5.729	0.703	5000	Pass	Pentane	ND	4.271	0.453	5000	Pass
Methylene-Chloride	ND 0.729 0.074	1	Pass	Ethyl-Acetate	ND	2.289	0.269	5000	Pass	Propane	ND	12.184	4.061	5000	Pass
Trichloroethene	ND 0.145 0.022	1	Pass	Ethyl-Ether	ND	2.869	0.951	5000	Pass	Toluene	<l00< th=""><th>0.864</th><th>0.069</th><th>890</th><th>Pass</th></l00<>	0.864	0.069	890	Pass
				Heptane	ND	2.859	0.264	5000	Pass	Xvlenes	ND	2.572	0.303	2170	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP RS-INST-003.

## **Heavy Metal Screening**

		LOQ	LOD	Limit	Status
	μg/g	μg/g	μg/g	μg/g	
Arsenic	0.021	0.009	0.003	0.2	Pass
Cadmium	0.023	0.002	0.001	0.2	Pass
Lead	0.022	0.004	0.001	0.5	Pass
Mercury	<loq< th=""><th>0.014</th><th>0.005</th><th>0.1</th><th>Pass</th></loq<>	0.014	0.005	0.1	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: ICP-MS; samples analyzed according to SOP HM-INST-003.

## Microbiological Screening

	Limit	Result	Status
	CFU/g	CFU/g	
Aspergillus flavus		Not Detected	Pass
Aspergillus fumigatus		Not Detected	Pass
Aspergillus niger		Not Detected	Pass
Aspergillus terreus		Not Detected	Pass
STEC		Not Detected	Pass
Salmonella SPP		Not Detected	Pass

ND=Not Detected. Analytical instrumentation used:qPCR; samples analyzed according to SOP MICRO-INST-001.



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Status

Tested

Tested

Tested

Tested

**Pass** 

**Pass** 



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LOD

µg/kg

0.99

3.38

0.78

6.43

µg/kg

NĎ

ND

ND

ND

ND

ND

µg/kg

6.05

10.23

19.48

Limit

µg/kg

METRC Sample: 1A4060300040B29000012361; METRC Batch: 1A4060300002EE1000081466;

#### **Chemical Residue Screening**

Category 1		LOQ	LOD	Status	Mycotoxins
	μg/g	μg/g	μg/g		
Aldicarb	ND	0.054	0.018	Pass	B1
Carbofuran	ND	0.030	0.007	Pass	B2
Chlordane	ND	0.075	0.025	Pass	G1
Chlorfenapyr	ND	0.075	0.025	Pass	G2
Chlorpyrifos	ND	0.048	0.016	Pass	Ochratoxin A
Coumaphos	ND	0.031	0.010	Pass	Total Aflatoxins
Daminozide Daminozide	ND	0.030	0.028	Pass	
Dichlorvos	ND	0.066	0.022	Pass	
Dimethoate	ND	0.030	0.010	Pass	
Ethoprophos	ND	0.035	0.012	Pass	
Etofenprox	ND	0.030	0.006	Pass	
Fenoxycarb	ND	0.033	0.011	Pass	
Fipronil	ND	0.051	0.017	Pass	
lmazalil	ND	0.041	0.014	Pass	
Methiocarb	ND	0.032	0.011	Pass	
Mevinphos	ND	0.039	0.013	Pass	
Paclobutrazol	ND	0.034	0.011	Pass	
Parathion Methyl	ND	0.024	0.008	Pass	
Propoxur	ND	0.035	0.012	Pass	
Spiroxamine	ND	0.030	0.008	Pass	
Thiacloprid	ND	0.033	0.011	Pass	

Category 2		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status
	μg/g	μg/g	μg/g	μg/g			μg/g	μg/g	μg/g	µg/g	
Abamectin	ND	0.095	0.031	0.1	Pass	Kresoxim Methyl	ND	0.035	0.012	0.1	Pass
Acephate	ND	0.032	0.010	0.1	Pass	Malathion	ND	0.030	0.008	0.5	Pass
Acequinocyl	ND	0.072	0.024	0.1	Pass	Metalaxyl	ND	0.030	0.007	2	Pass
Acetamiprid	ND	0.030	0.009	0.1	Pass	Methomyl	ND	0.036	0.012	1	Pass
Azoxystrobin	ND	0.030	0.006	0.1	Pass	Myclobutanil	ND	0.045	0.015	0.1	Pass
Bifenazate	ND	0.030	0.010	0.1	Pass	Naled	ND	0.062	0.020	0.1	Pass
Bifenthrin	ND	0.030	0.006	3	Pass	Oxamyl	ND	0.036	0.012	0.5	Pass
Boscalid	ND	0.035	0.011	0.1	Pass	Pentachloronitrobenzene	ND	0.054	0.018	0.1	Pass
Captan	ND	0.358	0.120	0.7	Pass	Permethrin	ND	0.049	0.016	0.5	Pass
Carbaryl	ND	0.042	0.014	0.5	Pass	Phosmet	ND	0.031	0.010	0.1	Pass
Chlorantraniliprole	ND	0.037	0.012	10	Pass	Piperonyl Butoxide	ND	0.030	0.006	3	Pass
Clofentezine	ND	0.030	0.009	0.1	Pass	Prallethrin	ND	0.045	0.015	0.1	Pass
Cyfluthrin	ND	0.056	0.019	2	Pass	Propiconazole	ND	0.042	0.014	0.1	Pass
Cypermethrin	ND	0.077	0.026	1	Pass	Pyrethrins	ND	0.030	0.007	0.5	Pass
Diazinon	ND	0.030	0.003	0.1	Pass	Pyridaben	ND	0.030	0.008	0.1	Pass
Dimethomorph	ND	0.030	0.009	2	Pass	Spinetoram	ND	0.030	0.005	0.1	Pass
Etoxazole	ND	0.030	0.005	0.1	Pass	Spinosad	ND	0.030	0.003	0.1	Pass
Fenhexamid	ND	0.036	0.012	0.1	Pass	Spiromesifen	ND	0.030	0.008	0.1	Pass
Fenpyroximate	ND	0.030	0.006	0.1	Pass	Spirotetramat	ND	0.030	0.010	0.1	Pass
Flonicamid	ND	0.054	0.018	0.1	Pass	Tebuconazole	ND	0.031	0.010	0.1	Pass
Fludioxonil	ND	0.054	0.018	0.1	Pass	Thiamethoxam	ND	0.036	0.012	5	Pass
Hexythiazox	ND	0.032	0.011	0.1	Pass	Trifloxystrobin	ND	0.030	0.006	0.1	Pass
<u>Imidacloprid</u>	ND	0.055	0.018	5	Pass				-		

#### Other Analyte(s):

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: LC-MS-MS & GC-MS-MS; samples analyzed according to SOPs PESTMYCO-LC-INST-004 and PEST-GC-INST-003.



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