

## Jolly Green Giant Buds

METRC Sample: 1A40A0100000A30000022968; METRC Manifest: 0002030526; Metrc Source ID: 1A40A0100000A30000022501

**Sample ID: 2401ANS0127-0915**

Produced: 12/29/2023

Client

Strain: Jolly Green Giant

Completed: 01/24/2024

**Mass Alternative Care**

Plant, Flower - Cured, Finished Plant Material, Plant Material, All uses

Expiration: 01/24/2025

Lic. # RMD726-C

Batch ID: 1A40A0100000A30000022501

1247 E Main St

Chicopee, MA 01020

Sample Size: 9.807 g

COC #: 2401ANS0127; Number of Servings: ; Growth Material: coco; Extraction Solvent: n/a; Remediated: No; Revision Notes: ; Amended: No; Sample Condition: Intact;



### Summary

Test	Date Tested	Result
Cannabinoids	01/22/2024	Complete
Moisture	01/18/2024	7% - Complete
Water Activity		NR - Complete
Terpenes	01/19/2024	Complete
Microbials	01/18/2024	Pass
Mycotoxins	01/19/2024	Pass
Pesticides	01/19/2024	Pass
Heavy Metals	01/19/2024	Pass
Product Approved		May be dispensed for all uses

Moisture Entered By: 21

Instrument ID: MA-6

Moisture analyzed per SOP-004

Instrument ID: WA-1

Water Activity analyzed per SOP-019, is non-compliant, and NOT ISO accredited. NT= Not Tested, NR = Not Reported.

### Cannabinoids

Complete

**19.60%**

Total Active THC

**ND**

Total Active CBD

**20.10%**

Total Active Cannabinoids

Analyte	LOD	LOQ	Result	Result	Qualifiers
	%	%	%	mg/g	
THCa	0.00002	0.00010	21.43604	214.36038	
Δ9-THC	0.00002	0.00010	0.80187	8.01872	
Δ8-THC	0.00002	0.00010	<0.20482	<0.20482	
THCVa	0.00002	0.00010	<0.20482	<0.20482	
THCV	0.00001	0.00010	<0.20482	<0.20482	
CBDA	0.00001	0.00010	<0.20482	<0.20482	
CBD	0.00001	0.00010	<0.20482	<0.20482	
CBDVa	0.00001	0.00010	<0.20482	<0.20482	
CBDV	0.00001	0.00010	<0.20482	<0.20482	
CBNa	0.00004	0.00010	<0.20482	<0.20482	
CBN	0.00002	0.00010	<0.20482	<0.20482	
CBGa	0.00001	0.00010	0.57359	5.73586	
CBG	0.00002	0.00010	<0.20482	<0.20482	
CBCa	0.00004	0.00010	<0.20482	<0.20482	
CBC	0.00001	0.00010	<0.20482	<0.20482	
CBL	0.00003	0.00010	<0.20482	<0.20482	
CBT	0.00002	0.00010	<0.20482	<0.20482	
Total Available THC			22.237911	222.379108	
Total Active THC			19.601278	196.012780	
Total Available CBD			ND	ND	
Total Active CBD			ND	ND	
Total Available Cannabinoids			22.811497	228.114970	
Total Active Cannabinoids			20.104313	201.043131	

Entered by: 8; Instrument ID: 5; Date Tested: 01/22/2024;

Cannabinoids analyzed by SOP-009. LOD= Limit of Detection, LOQ = Limit of Quantitation, ND = Not Detected. Total Available THC = Δ9-THC + THCa. Total Active THC = Δ9-THC + (THCa0.877). Total Available CBD = CBD + CBDA. Total Active CBD = CBD + (CBDA0.877). Total Active Cannabinoids = THCa0.877+ Δ9 THC+ Δ8 THC+ THCVa0.877+ THCV+ CBDA 0.877 + CBD+ CBDV+ CBDVa 0.877+ CBNA0.877+ CBN + CBGA0.877+ CBG + CBCA\*0.877+CBC+ CBL+ CBT. Total Available Cannabinoids = sum of all detected cannabinoids.



Accreditation #104289

*Ryan Picard*

Ryan Picard  
Lab Director  
01/24/2024

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## Terpenes

Analyte	CAS #	LOD	LOQ	Mass	Mass	Qualifiers
		%	%	%	mg/g	
β-Caryophyllene	87-44-5	0.00002	0.0001	0.463898	4.638976	
β-Myrcene	123-35-3	0.00003	0.0001	0.345861	3.458606	
Limonene	5989-27-5	0.00002	0.0001	0.183831	1.838312	
α-Humulene	6753-98-6	0.00002	0.0001	0.141849	1.418492	
β-Pinene	18172-67-3	0.00003	0.0001	0.058682	0.586818	
α-Pinene	80-56-8	0.00003	0.0001	0.030213	0.302134	
α-Terpineol	98-55-5	0.00005	0.0001	0.024173	0.241726	
Nerolidol 2	7212-44-4	0.00003	0.0001	0.020076	0.200759	
Phytol 2	7541-49-3	0.00002	0.0001	0.019118	0.191181	
α-Bisabolol	23089-26-1	0.00002	0.0001	0.017221	0.172214	
Caryophyllene Oxide	1139-30-6	0.00003	0.0001	0.010356	0.103556	
3-Carene	13466-78-9	0.00003	0.0001	<0.009483	<0.009483	
α-Terpinene	99-86-5	0.00003	0.0001	<0.009483	<0.009483	
Camphene	79-92-5	0.00003	0.0001	<0.009483	<0.009483	
Nerolidol 1	7212-44-4	0.00002	0.0000	<0.004078	<0.004078	
Ocimene 1	13877-91-3	0.00003	0.0000	<0.002940	<0.002940	
Phytol 1	7541-49-3	0.00003	0.0001	<0.004742	<0.004742	
Eucalyptol	470-82-6	0.00002	0.0001	<0.009483	<0.009483	
γ-Terpinene	99-85-4	0.00002	0.0001	<0.009483	<0.009483	
Geraniol	106-24-1	0.00002	0.0001	<0.009483	<0.009483	
Guaiol	489-86-1	0.00002	0.0001	<0.009483	<0.009483	
Isopulegol	89-79-2	0.00002	0.0001	<0.009483	<0.009483	
Linalool	78-70-6	0.00002	0.0001	<0.009483	<0.009483	
Menthol	89-78-1	0.00007	0.0001	<0.009483	<0.009483	
p-Cymene	99-87-6	0.00002	0.0001	<0.009483	<0.009483	
Terpinolene	586-62-9	0.00002	0.0001	<0.009483	<0.009483	
Ocimene 2	13877-91-3	0.00005	0.0001	<0.006543	<0.006543	
Valencene	4630-07-3	0.00002	0.0001	<0.009483	<0.009483	
<b>Total</b>				<b>1.3153</b>	<b>13.1528</b>	

## Primary Aromas

 Cinnamon	 Hops	 Orange	 Pine	 Flowers
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Entered by: 42

Instrument ID: GC-3 Back

Date Tested: 01/19/2024

LOD= Limit of Detection, LOQ = Limit of Quantitation. Terpenes analyzed by SOP-010. Isomer CAS#'s: Cis-Ocimene: 13877-91-3, Trans-Ocimene: 13877-91-3, Cis-Nerolidol: 7212-44-4, Trans-Nerolidol: 7212-44-4.



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## Pesticides

Pass

Analyte	LOD	LOQ	Limit	Mass	Qualifiers	Status
	PPB	PPB	PPB	PPB		
Bifenazate	0.1400	0.2500	10.0000	<4.90		Pass
Bifenthrin	0.0040	0.0250	10.0000	<4.41		Pass
Cyfluthrin	0.0050	0.0250	10.0000	<4.41		Pass
Etoazole	0.1630	0.2500	10.0000	<4.90		Pass
Imazalil	0.1730	0.2500	10.0000	<4.90		Pass
Imidacloprid	0.0840	0.2500	10.0000	<4.90		Pass
Myclobutanil	0.1450	0.2500	10.0000	<4.90		Pass
Spiromesifen	0.1600	0.2500	10.0000	<4.90		Pass
Trifloxystrobin	0.1330	0.2500	10.0000	<4.90		Pass

Entered by: 10

Instrument ID 1: LCMS-2

Instrument ID 2: GCMS-4

Date Tested (LC): 01/19/2024

Date Tested (GC): 01/19/2024

LOD= Limit of Detection, LOQ = Limit of Quantitation. Pesticides analyzed by SOP-008



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## Microbials

Pass

Analyte	Limit	Units	Qualifiers	Status
	CFU/g	CFU/g		
(ECPT) E. coli (O157)	Not Detected in 1g	Not Detected		Pass
(SPT) Salmonella	Not Detected in 1g	Not Detected		Pass
(AC) Total Viable Aerobic Bacteria	100000	<200		Pass
(YM) Total Yeast & Mold	10000	<200		Pass
(EB) Total Bile-Tolerant Gram Negative Bacteria	1000	<20		Pass
(CC) Total Coliforms	1000	<20		Pass
Hop-Latent Viroid	1	NR		NT
Cannabis Cryptic Virus	1	NR		NT
Lettuce Chlorosis Virus	1	NR		NT

Entered by: 53

Instrument ID: PCR-2

Date Tested: 01/18/2024

Plating of Total Aerobic bacteria, Bile-Tolerant Gram-negative bacteria, total Coliforms, and total yeast & mold are analyzed by SOP-006. Shiga Toxin-Producing Escherichia coli and Salmonella spp. are analyzed by SOP-007. Viruses analyzed by SOP-016, are non-compliant, and NOT ISO accredited. NR = Not Reported, NT = Not Tested, TNTC = Too Numerous To Count.

## Mycotoxins

Pass

Analyte	LOD	LOQ	Limit	Units	Qualifiers	Status
	ug/kg	ug/kg	ug/kg	ug/kg		
Total Aflatoxins	1.0	1.0	20.0	<5.0		Pass
Ochratoxin A	2.0	2.0	20.0	10.3		Pass

Entered by: 64

Instrument ID: ER-2

Date Tested: 01/18/2024

LOD= Limit of Detection, LOQ = Limit of Quantitation. Mycotoxins analyzed by SOP-013.

## Heavy Metals

Pass

Analyte	LOD	LOQ	Limit	Units	Qualifiers	Status
	ug/kg	ug/kg	ug/kg	ug/kg		
Arsenic	0.177	0.500	200.000	<128.866		Pass
Cadmium	0.139	0.500	200.000	<128.866		Pass
Lead	0.046	0.500	500.000	<128.866		Pass
Mercury	0.031	0.200	100.000	<51.546		Pass

Entered by: 11

Instrument ID: ICPMS-1

Date Tested: 01/18/2024

LOD = Limit of Detection, LOQ = Limit of Quantitation. Heavy Metals analyzed by SOP-005



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