

Certificate of Analysis

R&D ONLY NOT FOR RETAIL

Order # 2112HTB0003
Order Date: 12/2/2021
Sample # 2112HTB0003-004
Sampling Date: 12/3/2021 00:12

Receipt Date: 12/3/2021 12:12
Completion Date: 12/14/2021 12:40
Initial Gross Weight: 89.76 g
Sampling Method: LAB-025

Product Name: Oxygen with Melatonin Hemp Derive
Description: Gummy
Matrix: Edible Gummy
Total Batch Weight or Volume:



Client: Oxygen
Address: 40180 US Hwy 19 N
Address: Tarpon Springs, FL 34689

Batch #: MG032
Extracted From: Hemp
Lot ID: MG032
Seed to Sale #:

Batch Date: 12/3/2021
Cultivars: Isolate
Test Reg State: Hemp FL

Cultivation Facility: Plant 8
Cultivation Date: 12/2/2021
Production Facility: Plant 6
Production Date: 12/2/2021

SUMMARY



TESTED Potency	NOT TESTED Terpenes	NOT TESTED Pesticides	NOT TESTED Heavy Metals	NOT TESTED Total Contaminant Load	NOT TESTED Residual Solvents	NOT TESTED Total Aerobic Bacteria
NOT TESTED Mycotoxins	NOT TESTED Microbials	NOT TESTED Total Yeast and Mold	NOT TESTED Filth and Foreign Material	NOT TESTED Water Activity	NOT TESTED Moisture	

POTENCY

TESTED

Analyte	LOD (mg/g)	Result (mg/g)	Result %	mg/unit
CBD	0.00001	5.949	0.595	16.062
CBC	0.000004	ND	ND	
CBDA	0.000012	ND	ND	
CBDV	0.000017	ND	ND	
CBG	0.000015	ND	ND	
CBGA	0.000008	ND	ND	
CBN	0.000009	ND	ND	
d8-THC	0.000245	ND	ND	
d9-THC	0.00002	ND	ND	
THCA	0.000012	ND	ND	
THCV	0.021	ND	ND	

Sample Prepared By: 015	Date/Time: 12/8/2021 9:22	Sample Analyzed By: 015	Date/Time: 12/8/2021 9:25
Batch Reviewed By: 017	Date/Time: 12/8/2021 10:02	Analysis #: Potency 1	
Specimen wt (g): 0.5102		Dilution: 100	
Analysis Method: TM-001 Potency		Instrument Used: HPLC	

POTENCY SUMMARY

Total THC 0.000%	Total THC/Unit 0.000 mg	THC Label Claim N/A N/A	Total Cannabinoids 0.595%
Total CBD 0.595%	Total CBD/Unit 16.062 mg	CBD Label Claim N/A N/A	Total Cannabinoids/Unit 16.1 mg

TERPENES SUMMARY

Analyte	Result	Result %
(+/-)-Borneol		
(+/-)-Fenchone		
[+/-]-Camphor		
alpha-Bisabolol		
alpha-Cedrene		
alpha-Humulene		
alpha-Phellandrene		
alpha-Pinene		
alpha-Terpinene		
alpha-terpinolene		

Total Terpenes:

Showing top 10 Terpenes, full analysis on the following page.

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Client: Oxygen	Batch #: MG032	Batch Date: 12/3/2021	Cultivation Facility: Plant 8
Address: 40180 US Hwy 19 N	Extracted From: Hemp	Cultivars: Isolate	Cultivation Date: 12/2/2021
Address: Tarpon Springs, FL 34689	Lot ID: MG032	Test Reg State: Hemp FL	Production Facility: Plant 6
	Seed to Sale #:		Production Date: 12/2/2021

TERPENES				NOT TESTED			
Analyte	LOD	Result	Result %	Analyte	LOD	Result	Result %

<ul style="list-style-type: none"> alpha-Pinene Isopulegol alpha-Terpinene gamma-Terpinene Linalool alpha-Humulene Menthol Guaiol Nerol Valencene alpha-Cedrene Endo-Fenchyl Alcohol Pulegone Isoborneol Ocimenes Farnesene alpha-Phellandrene beta-Myrcene (+/-)-Borneol 	<ul style="list-style-type: none"> Camphene delta-3-Carene Eucalyptol alpha-terpinolene Geraniol Z-Nerolidol E-Nerolidol E-Caryophyllene alpha-Bisabolol D-Limonene Sabinene Terpineol [+/-]-Camphor (+/-)-Fenchone Cedrol Geranyl acetate beta-Pinene Carophyllene Oxide Sabinene Hydrate
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Sample Prepared By:	Date/Time:	Sample Analyzed By:	Date/Time:
Batch Reviewed By:	Date/Time:	Analysis #	
Specimen wt:		Dilution:	
Analysis Method:		Instrument Used:	

Total Terpenes: %

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Address: Tarpon Springs, FL 34689

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Extracted From: Hemp
Lot ID: MG032
Seed to Sale #:

Batch Date: 12/3/2021
Cultivars: Isolate
Test Reg State: Hemp FL

Cultivation Facility: Plant 8
Cultivation Date: 12/2/2021
Production Facility: Plant 6
Production Date: 12/2/2021

PESTICIDES

NOT TESTED

Analyte	LOD (ug/kg)	Action Level (ug/kg)	Result (ug/kg)	Status	Analyte	LOD (ug/kg)	Action Level (ug/kg)	Result (ug/kg)	Status
Abamectin				N/A	Acephate				
Acequinocyl				N/A	Acetamidprid				
Aldicarb				N/A	Azoxystrobin				
Bifenazate				N/A	Bifenthrin				
Boscalid				N/A	Captan				
Carbaryl				N/A	Carbofuran				
Chlorantraniliprole				N/A	Chlordane				
Chlorfenapyr				N/A	Chlormequat chloride				
Chlorpyrifos				N/A	Clofentezine				
Coumaphos				N/A	Cyfluthrin				
Cypermethrin				N/A	Daminozide				
Diazinon				N/A	Dichlorvos				
Dimethoate				N/A	Dimethomorph				
Ethoprophos				N/A	Etofenprox				
Etoxazole				N/A	Fenhexamid				
Fenoxycarb				N/A	Fenpyroximate				
Fipronil				N/A	Fonicamid				
Fludioxonil				N/A	Hexythiazox				
Imazalil				N/A	Imidacloprid				
Kresoxim-methyl				N/A	Malathion				
Metalaxyl				N/A	Methiocarb				
Methomyl				N/A	Methyl parathion				
Mevinphos				N/A	Myclobutanil				
Naled				N/A	Oxamyl				
Paclobutrazol				N/A	Pentachloronitrobenzene				
Permethrin				N/A	Phosmet				
Piperonylbutoxide				N/A	Prallethrin				
Propiconazole				N/A	Propoxur				
Pyrethrins				N/A	Pyridaben				
Spinetoram				N/A	Spinosad A and D				
Spiromesifen				N/A	Spirotetramat				
Spiroxamine				N/A	Tebuconazole				
Thiacloprid				N/A	Thiamethoxam				
Trifloxystrobin				N/A					

Sample Prepared By:	Date/Time:	Specimen wt (g):	Dilution:	Analysis #
Sample Analyzed By:	Date/Time:	Analysis Method:		
Batch Reviewed By:	Date/Time:	Instrument Used:		
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Test Reg State: Hemp FL

Cultivation Facility: Plant 8
Cultivation Date: 12/2/2021
Production Facility: Plant 6
Production Date: 12/2/2021

HEAVY METALS NOT TESTED

Analyte	LOD (ug/kg)	Action Level (ug/kg)	Result (ug/kg)	Status
Lead				N/A
Arsenic				N/A
Cadmium				N/A
Mercury				N/A

Sample Prepared By:	Date/Time:	Sample Analyzed By:	Date/Time:
Batch Reviewed By:	Date/Time:	Analysis #	
Specimen wt (g):		Dilution:	
Analysis Method:		Instrument Used:	

RESIDUAL SOLVENTS NOT TESTED

Analyte	LOD (mg/kg)	Action Level (mg/kg)	Result (mg/kg)	Status
Total xylenes				N/A
Methanol				N/A
Acetone				N/A
1,1-Dichloroethene				N/A
Propane				N/A
Butane				N/A
Trichloroethylene				N/A
Hexane				N/A
Ethyl ether				N/A
Methylene chloride				N/A
Acetonitrile				N/A
Pentane				N/A
Ethylene oxide				N/A
Chloroform				N/A
Isopropyl alcohol				N/A
Ethanol				N/A
Ethyl acetate				N/A
Benzene				N/A
Toluene				N/A
Heptane				N/A
1,2-Dichloroethane				N/A

Sample Prepared By:	Date/Time:	Sample Analyzed By:	Date/Time:
Batch Reviewed By:	Date/Time:	Analysis #	
Specimen wt (g):		Dilution:	
Analysis Method:		Instrument Used:	

TOTAL CONTAMINANT LOAD

Analyte	Action Level (mg/kg)	Result (mg/kg)	Status
Heavy Metals/Pesticides			N/A

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MYCOTOXINS NOT TESTED

Analyte	LOD (ug/kg)	Action Level (ug/kg)	Result (ug/kg)	Status
Aflatoxin B1				N/A
Aflatoxin B2				N/A
Aflatoxin G1				N/A
Aflatoxin G2				N/A
Ochratoxin A				N/A
Total Aflatoxin				N/A

Sample Prepared By: Date/Time: Sample Analyzed By: Date/Time:
Batch Reviewed By: Date/Time: Analysis #
Specimen wt (g): Dilution:
Analysis Method: Instrument Used:

TOTAL YEAST AND MOLD NOT TESTED

Analyte	Action Level (cfu/g)	Result (cfu/g)	Status
Total Combined Yeasts & Molds			N/A

Sample Prepared By: Date/Time: Sample Analyzed By: Date/Time:
Batch Reviewed By: Date/Time: Analysis #
Specimen wt (g): Dilution:
Analysis Method: Instrument Used:

MICROBIAL NOT TESTED

Analyte	Action Level (present in 1 g)	Result (present in 1 g)	Status
Salmonella			N/A
Shiga Toxin E. coli			N/A
Total Aspergillus*			N/A

Sample Prepared By: Date/Time: Sample Analyzed By: Date/Time:
Batch Reviewed By: Date/Time: Analysis #
Specimen wt (g): Dilution:
Analysis Method: Instrument Used:

* Total Aspergillus represents the sum of the results of Aspergillus flavus, Aspergillus fumigatus, Aspergillus niger, and Aspergillus terreus.

FILTH & FOREIGN MATERIAL NOT TESTED

Analyte	Action Level	Result	Status
Feces Amount (mg/kg)			N/A
Filth (%)			N/A
Foreign Material (per 3g)			N/A

Sample Analyzed By: Date/Time:
Batch Reviewed By: Date/Time: Analysis #
Specimen wt (g):
Analysis Method: Instrument Used:

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Roy Sorensen - Lab Director

12/14/2021 12:40
Date Time

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Test Reg State: Hemp FL

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Cultivation Date: 12/2/2021
Production Facility: Plant 6
Production Date: 12/2/2021

WATER ACTIVITY		NOT TESTED	
Analyte	Action Level (aw)	Result (aw)	Status
Water Activity			N/A
Sample Analyzed By:	Date/Time		
Batch Reviewed By:	Date/Time:	Analysis #	
Specimen wt (g):			
Analysis Method:		Instrument Used:	

MOISTURE		NOT TESTED	
Analyte	Action Level (%)	Result (%)	Status
Moisture Content			N/A
Sample Analyzed By:	Date/Time:		
Batch Reviewed By:	Date/Time:	Analysis #	
Specimen wt (g):			
Analysis Method:		Instrument Used:	

TOTAL AEROBIC BACTERIA		NOT TESTED	
Analyte	Action Level (cfu/g)	Result (cfu/g)	Status
Total Aerobic Bacteria			N/A
Sample Prepared By:	Date/Time:	Sample Analyzed By:	Date/Time:
015	12/8/2021 9:22		
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Analysis Method:		Instrument Used:	

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