

# Certificate of Analysis

**Order #** 2108HTB0003      **Receipt Date:** 8/3/2021 12:08      **Product Name:** Melatonin Hemp  
**Order Date:** 8/3/2021      **Completion Date:** 08/03/2021 14:59      **Description:** Gummy 2.7g  
**Sample #** 2108HTB0003-001      **Initial Gross Weight:** 85.57 g      **Matrix:** Edible Gummy  
**Sampling Date:** 8/3/2021 00:08      **Sampling Method:** LAB-025 Sample Receiving



**Client:** Oxygen      **Batch Client #:** MG029      **Seed to Sale #:**      **Cultivation Facility:**  
**Address:** 40180 US HWY 19 N      **Batch Date:** 8/3/2021      **Lot ID:** MG029      **Cultivation Date:**  
**Address:** Tarpon Springs, FL 34689      **Extracted From:**      **Cultivars:** NA      **Production Facility:**  
**Test Reg State:** Hemp FL      **Production Date:**

## SUMMARY



<b>TESTED</b> Potency	<b>NOT TESTED</b> Terpenes	<b>NOT TESTED</b> Pesticides	<b>NOT TESTED</b> Heavy Metals	<b>NOT TESTED</b> Total Contaminant Load	<b>NOT TESTED</b> Residual Solvents
<b>NOT TESTED</b> Mycotoxins	<b>NOT TESTED</b> Microbials	<b>NOT TESTED</b> Total Yeast and Mold	<b>NOT TESTED</b> Filth and Foreign Material	<b>NOT TESTED</b> Water Activity	<b>NOT TESTED</b> Moisture

## POTENCY

**TESTED**

Analyte	LOD (mg/g)	Result (mg/g)	Result %
CBD	0.018	5.158	0.516
CBC	0.045	ND	ND
CBDA	0.018	ND	ND
CBDV	0.015	ND	ND
CBG	0.032	ND	ND
CBGA	0.025	ND	ND
CBN	0.014	ND	ND
d8-THC	0.013	ND	ND
d9-THC	0.03	ND	ND
THCA	0.022	ND	ND
THCV	0.021	ND	ND

**Sample Prepared By:** 010      **Date/Time:** 8/3/2021 12:36      **Sample Analyzed By:** 010      **Date/Time:** 8/3/2021 12:40  
**Batch Reviewed By:** 006      **Date/Time:** 8/3/2021 12:49      **Analysis #:** Potency 1  
**Specimen wt (g):** 0.5113      **Dilution:** 100  
**Analysis Method:** TM-001 Potency      **Instrument Used:** HPLC

## POTENCY SUMMARY

Total THC 0.000% 0.00 mg	Total CBD 0.516% 13.9 mg	Total Cannabinoids 0.516%
THC Label Claim N/A	CBD Label Claim N/A	Moisture Content N/A

## 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.

Definitions and Abbreviations used in this report: Total THC = Delta 9 THC + (THCA\*0.877), Total CBD = CBD + (CBDA\*0.877), Total Cannabinoids = THC + THCA + CBD + CBDA + CBG + CBGA + Delta 8 THC + THCV + CBDV + CBC + CBN, Total THC and Total CBD are expressed as mg in total package weight, (Dilution) = Dilution Factor, (%) = Percent, (mg/g) = Milligrams per Gram, (mg/mL) = Milligrams per Milliliter, (mg/kg) = Milligrams per Kilogram, (ug/kg) = Microgram per Kilogram, (cfu/g) = Colony Forming Unit per Gram, Action Limit of Absent is equivalent to < 1 cfu/g, (aw) = Water Activity, (LOD) = Limit of Detection, (LOQ) = Limit of Quantitation; (ppm) = parts per million; (ppb) = parts per billion; Units for ppm also expressed as (mg/kg); Units for ppb also expressed as (ug/kg).

This report shall not be reproduced, without written approval, from Method Testing Labs. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.

# Certificate of Analysis

**Order #** 2108HTB0003      **Receipt Date:** 8/3/2021 12:08      **Product Name:** Melatonin Hemp  
**Order Date:** 8/3/2021      **Completion Date:** 08/03/2021 14:59      **Description:** Gummy 2.7g  
**Sample #** 2108HTB0003-001      **Initial Gross Weight:** 85.57 g      **Matrix:** Edible Gummy  
**Sampling Date:** 8/3/2021 00:08      **Sampling Method:** LAB-025 Sample Receiving



**Client:** Oxygen      **Batch Client #:** MG029      **Seed to Sale #:**      **Cultivation Facility:**  
**Address:** 40180 US HWY 19 N      **Batch Date:** 8/3/2021      **Lot ID:** MG029      **Cultivation Date:**  
**Address:** Tarpon Springs, FL 34689      **Extracted From:**      **Cultivars:** NA      **Production Facility:**  
**Test Reg State:** Hemp FL      **Production Date:**

## TERPENES

## NOT TESTED

Analyte	LOD	Result	Result %	Analyte	LOD	Result	Result %
alpha-Pinene				Camphene			
Isopulegol				delta-3-Carene			
alpha-Terpinene				Eucalyptol			
gamma-Terpinene				alpha-terpinolene			
Linalool				Geraniol			
alpha-Humulene				Z-Nerolidol			
Menthol				E-Nerolidol			
Guaiol				E-Caryophyllene			
Nerol				alpha-Bisabolol			
Valencene				D-Limonene			
alpha-Cedrene				Sabinene			
Endo-Fenchyl Alcohol				Terpineol			
Pulegone				[+/-]-Camphor			
Isoborneol				(+/-)-Fenchone			
Ocimenes				Cedrol			
Farnesene				Geranyl acetate			
alpha-Phellandrene				beta-Pinene			
beta-Myrcene				Carophyllene Oxide			
(+/-)-Borneol				Sabinene Hydrate			

**Total Terpenes:** %

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

Definitions and Abbreviations used in this report: Total THC = Delta 9 THC + (THCA\*0.877), Total CBD = CBD + (CBDA\*0.877), Total Cannabinoids = THC + THCA + CBD + CBDA + CBG + CBGA + Delta 8 THC + THCV + CBDV + CBC + CBN, Total THC and Total CBD are expressed as mg in total package weight, (Dilution) = Dilution Factor, (%) = Percent, (mg/g) = Milligrams per Gram, (mg/mL) = Milligrams per Milliliter, (mg/kg) = Milligrams per Kilogram, (ug/kg) = Microgram per Kilogram, (cfu/g) = Colony Forming Unit per Gram, Action Limit of Absent is equivalent to < 1 cfu/g, (aw) = Water Activity, (LOD) = Limit of Detection, (LOQ) = Limit of Quantitation; (ppm) = parts per million; (ppb) = parts per billion; Units for ppm also expressed as (mg/kg); Units for ppb also expressed as (ug/kg).  
This report shall not be reproduced, without written approval, from Method Testing Labs. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.

# Certificate of Analysis

**Order #** 2108HTB0003      **Receipt Date:** 8/3/2021 12:08      **Product Name:** Melatonin Hemp  
**Order Date:** 8/3/2021      **Completion Date:** 08/03/2021 14:59      **Description:** Gummy 2.7g  
**Sample #** 2108HTB0003-001      **Initial Gross Weight:** 85.57 g      **Matrix:** Edible Gummy  
**Sampling Date:** 8/3/2021 00:08      **Sampling Method:** LAB-025 Sample Receiving



**Client:** Oxygen      **Batch Client #:** MG029      **Seed to Sale #:**      **Cultivation Facility:**  
**Address:** 40180 US HWY 19 N      **Batch Date:** 8/3/2021      **Lot ID:** MG029      **Cultivation Date:**  
**Address:** Tarpon Springs, FL 34689      **Extracted From:**      **Cultivars:** NA      **Production Facility:**  
**Test Reg State:** Hemp FL      **Production Date:**

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

Definitions and Abbreviations used in this report: Total THC = Delta 9 THC + (THCA\*0.877), Total CBD = CBD + (CBDA\*0.877), Total Cannabinoids = THC + THCA + CBD + CBDA + CBG + CBGA + Delta 8 THC + THCV + CBDV + CBC + CBN, Total THC and Total CBD are expressed as mg in total package weight, (Dilution) = Dilution Factor, (%) = Percent, (mg/g) = Milligrams per Gram, (mg/mL) = Milligrams per Milliliter, (mg/kg) = Milligrams per Kilogram, (ug/kg) = Microgram per Kilogram, (cfu/g) = Colony Forming Unit per Gram, Action Limit of Absent is equivalent to < 1 cfu/g, (aw) = Water Activity, (LOD) = Limit of Detection, (LOQ) = Limit of Quantitation; (ppm) = parts per million; (ppb) = parts per billion; Units for ppm also expressed as (mg/kg); Units for ppb also expressed as (ug/kg).

This report shall not be reproduced, without written approval, from Method Testing Labs. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.

# Certificate of Analysis

**Order #** 2108HTB0003      **Receipt Date:** 8/3/2021 12:08      **Product Name:** Melatonin Hemp  
**Order Date:** 8/3/2021      **Completion Date:** 08/03/2021 14:59      **Description:** Gummy 2.7g  
**Sample #** 2108HTB0003-001      **Initial Gross Weight:** 85.57 g      **Matrix:** Edible Gummy  
**Sampling Date:** 8/3/2021 00:08      **Sampling Method:** LAB-025 Sample Receiving



**Client:** Oxygen      **Batch Client #:** MG029      **Seed to Sale #:**      **Cultivation Facility:**  
**Address:** 40180 US HWY 19 N      **Batch Date:** 8/3/2021      **Lot ID:** MG029      **Cultivation Date:**  
**Address:** Tarpon Springs, FL 34689      **Extracted From:**      **Cultivars:** NA      **Production Facility:**  
**Test Reg State:** Hemp FL      **Production Date:**

## 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
Acetone				N/A
Acetonitrile				N/A
Benzene				N/A
Butane				N/A
Chloroform				N/A
1,2-Dichloroethane				N/A
1,1-Dichloroethene				N/A
Ethanol				N/A
Ethyl acetate				N/A
Ethyl ether				N/A
Ethylene oxide				N/A
Heptane				N/A
Hexane				N/A
Isopropyl alcohol				N/A
Methanol				N/A
Methylene chloride				N/A
Pentane				N/A
Propane				N/A
Trichloroethylene				N/A
Toluene				N/A
Total xylenes				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

Definitions and Abbreviations used in this report: Total THC = Delta 9 THC + (THCA\*0.877), Total CBD = CBD + (CBDA\*0.877), Total Cannabinoids = THC + THCA + CBD + CBDA + CBG + CBGA + Delta 8 THC + THCV + CBDV + CBC + CBN, Total THC and Total CBD are expressed as mg in total package weight, (Dilution) = Dilution Factor, (%) = Percent, (mg/g) = Milligrams per Gram, (mg/mL) = Milligrams per Milliliter, (mg/kg) = Milligrams per Kilogram, (ug/kg) = Microgram per Kilogram, (cfu/g) = Colony Forming Unit per Gram, Action Limit of Absent is equivalent to < 1 cfu/g, (aw) = Water Activity, (LOD) = Limit of Detection, (LOQ) = Limit of Quantitation; (ppm) = parts per million; (ppb) = parts per billion; Units for ppm also expressed as (mg/kg); Units for ppb also expressed as (ug/kg).

This report shall not be reproduced, without written approval, from Method Testing Labs. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.

# Certificate of Analysis

**Order #** 2108HTB0003      **Receipt Date:** 8/3/2021 12:08      **Product Name:** Melatonin Hemp  
**Order Date:** 8/3/2021      **Completion Date:** 08/03/2021 14:59      **Description:** Gummy 2.7g  
**Sample #** 2108HTB0003-001      **Initial Gross Weight:** 85.57 g      **Matrix:** Edible Gummy  
**Sampling Date:** 8/3/2021 00:08      **Sampling Method:** LAB-025 Sample Receiving



**Client:** Oxygen      **Batch Client #:** MG029      **Seed to Sale #:**      **Cultivation Facility:**  
**Address:** 40180 US HWY 19 N      **Batch Date:** 8/3/2021      **Lot ID:** MG029      **Cultivation Date:**  
**Address:** Tarpon Springs, FL 34689      **Extracted From:**      **Cultivars:** NA      **Production Facility:**  
**Test Reg State:** Hemp FL      **Production Date:**

## 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:**

## MICROBIAL NOT TESTED

Analyte	Action Level (cfu/g)	Result (cfu/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 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:**

## 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:**

Definitions and Abbreviations used in this report: Total THC = Delta 9 THC + (THCA\*0.877), Total CBD = CBD + (CBDA\*0.877), Total Cannabinoids = THC + THCA + CBD + CBDA + CBG + CBGA + Delta 8 THC + THCV + CBDV + CBC + CBN, Total THC and Total CBD are expressed as mg in total package weight, (Dilution) = Dilution Factor, (%) = Percent, (mg/g) = Milligrams per Gram, (mg/mL) = Milligrams per Milliliter, (mg/kg) = Milligrams per Kilogram, (ug/kg) = Microgram per Kilogram, (cfu/g) = Colony Forming Unit per Gram, Action Limit of Absent is equivalent to < 1 cfu/g, (aw) = Water Activity, (LOD) = Limit of Detection, (LOQ) = Limit of Quantitation; (ppm) = parts per million; (ppb) = parts per billion; Units for ppm also expressed as (mg/kg); Units for ppb also expressed as (ug/kg).

This report shall not be reproduced, without written approval, from Method Testing Labs. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.



  
**Roy Sorensen - Lab Director**

08/03/2021 14:59

**Date Time**

# Certificate of Analysis

<b>Order #</b>	2108HTB0003	<b>Receipt Date:</b>	8/3/2021 12:08	<b>Product Name:</b>	Melatonin Hemp
<b>Order Date:</b>	8/3/2021	<b>Completion Date:</b>	08/03/2021 14:59	<b>Description:</b>	Gummy 2.7g
<b>Sample #</b>	2108HTB0003-001	<b>Initial Gross Weight:</b>	85.57 g	<b>Matrix:</b>	Edible Gummy
<b>Sampling Date:</b>	8/3/2021 00:08	<b>Sampling Method:</b>	LAB-025 Sample Receiving		



<b>Client:</b>	Oxygen	<b>Batch Client #:</b>	MG029	<b>Seed to Sale #:</b>	Cultivation Facility:
<b>Address:</b>	40180 US HWY 19 N	<b>Batch Date:</b>	8/3/2021	<b>Lot ID:</b>	MG029
<b>Address:</b>	Tarpon Springs, FL 34689	<b>Extracted From:</b>		<b>Cultivars:</b>	NA
				<b>Test Reg State:</b>	Hemp FL
				<b>Production Facility:</b>	
				<b>Production Date:</b>	

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:	

Definitions and Abbreviations used in this report: Total THC = Delta 9 THC + (THCA\*0.877), Total CBD = CBD + (CBDA\*0.877), Total Cannabinoids = THC + THCA + CBD + CBDA + CBG + CBGA + Delta 8 THC + THCV + CBDV + CBC + CBN, Total THC and Total CBD are expressed as mg in total package weight, (Dilution) = Dilution Factor, (%) = Percent, (mg/g) = Milligrams per Gram, (mg/mL) = Milligrams per Milliliter, (mg/kg) = Milligrams per Kilogram, (ug/kg) = Microgram per Kilogram, (cfu/g) = Colony Forming Unit per Gram, Action Limit of Absent is equivalent to < 1 cfu/g, (aw) = Water Activity, (LOD) = Limit of Detection, (LOQ) = Limit of Quantitation; (ppm) = parts per million; (ppb) = parts per billion; Units for ppm also expressed as (mg/kg); Units for ppb also expressed as (ug/kg).  
This report shall not be reproduced, without written approval, from Method Testing Labs. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.