



Certificate of Analysis

Customer:
Overcome LLC
215 E. High Street
Lexington, KY 40507

Sample ID: **200605005**
Order Number: **CB200605003**
Sample Name: **NHO S/M 250mg**

Collected Date:
Received Date: **6/5/2020**
COA Released: **6/11/2020**

External Sample ID:
Batch Number: **#M70120**
Product Type: **Other**
Sample Type: **Other**

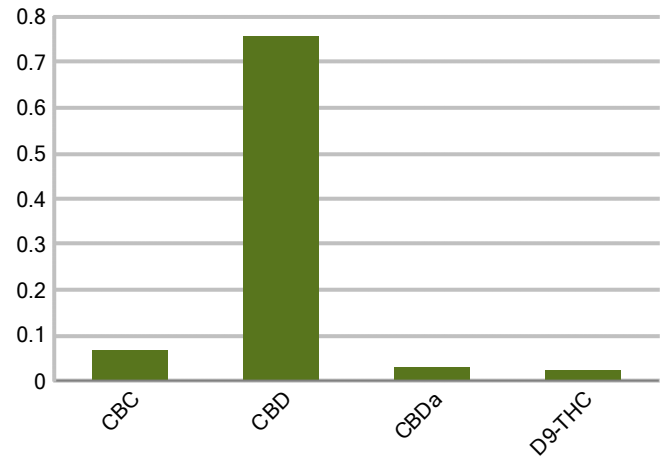
Comments:

CANNABINOID PROFILE

Analyte	LOQ (%)	% weight	(mg/g)
CBC	0.01	0.068	0.685
CBD	0.01	0.757	7.567
CBDa	0.01	0.029	0.292
CBDV	0.01	ND	ND
CBG	0.01	ND	ND
CBGa	0.01	ND	ND
CBN	0.01	ND	ND
d8-THC	0.01	ND	ND
d9-THC	0.01	0.024	0.240
THCa	0.01	ND	ND
Total Cannabinoids		0.878	8.783
Total Potential THC		0.024	0.240
Total Potential CBD		0.782	7.822
Total Potential CBG		0.000	0.000



Cannabinoids (% weight)



Ratio of Total Potential CBD to Total Potential THC 32.58 : 1

Ratio of Total Potential CBG to Total Potential THC 0.00 : 1

**Total Cannabinoids refers to the sum of all cannabinoids detected.*

**Total Potential CBD = (0.877 x CBDa) + CBD. *Total Potential THC = (0.877 x THCa) + THC. *Total Potential CBG = (0.877 x CBGa) + CBG.*

**Total Potential THC/CBD are calculated to take into account the loss of an acid group during decarboxylation.*

Authorized Signature

Laboratory Manager

Jamie Hobgood

06/11/2020 10:35 AM

DATE

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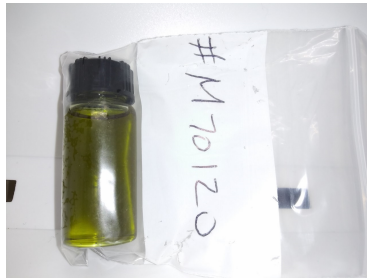


Sample ID: 200605005
Sample Name: NHO S/M 250mg
Sample Type: Other

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Overall Batch Results

PASS

Pesticide PASS	Moisture Content PASS
Potency PASS	Water Activity PASS
Mycotoxins PASS	Heavy Metals PASS
Microbial Screen PASS	Residual Solvents PASS
Terpenoids PASS	

Sample Name: NHO S/M 250mg

Sample ID: 200605005

Product Type: Other

Sample Type: Other

Collected Date:

Received Date: 06/05/2020

Batch Number:

Batch Size:

Sample Size:

COA released:

Potency (mg/g)

Date Tested: 06/08/2020

Method:

Instrument:

0.024 % Total THC	0.782 % Total CBD	0.878 % Total Cannabinoids	8.783 mg/g Total Cannabinoids
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Analyte	Result	Units	LOQ	Result	Units
CBC (Cannabichromene)	0.068	%	0.010	0.685	mg/g
CBD (Cannabidiol)	0.757	%	0.010	7.567	mg/g
CBDa (Cannabidiolic Acid)	0.029	%	0.010	0.292	mg/g
CBDV (Cannabidivarin)	ND	%	0.010	ND	mg/g
CBG (Cannabigerol)	ND	%	0.010	ND	mg/g
CBGa (Cannabigerolic Acid)	ND	%	0.010	ND	mg/g
CBN (Cannabinol)	ND	%	0.010	ND	mg/g
D8-THC (D8-Tetrahydrocannabinol)	ND	%	0.010	ND	mg/g
D9-THC (D9-Tetrahydrocannabinol)	0.024	%	0.010	0.240	mg/g
THCa (Tetrahydrocannabinolic Acid)	ND	%	0.010	ND	mg/g

Terpenoids

Date Tested: 06/05/2020

Method:

Instrument:

Analyte	Result	Unit	LOQ	Result	Unit
alpha-Bisabolol	<LOQ	mg/g	0.100	<LOQ	%
alpha-humulene	<LOQ	mg/g	0.100	<LOQ	%
alpha-pinene	<LOQ	mg/g	0.100	<LOQ	%
alpha-terpinene	<LOQ	mg/g	0.100	<LOQ	%
beta-caryophyllene	<LOQ	mg/g	0.100	<LOQ	%
Beta-myrcene	<LOQ	mg/g	0.100	<LOQ	%
Beta-pinene	<LOQ	mg/g	0.100	<LOQ	%
cis-Nerolidol	<LOQ	mg/g	0.100	<LOQ	%
Camphene	<LOQ	mg/g	0.100	<LOQ	%
d-Limonene	<LOQ	mg/g	0.100	<LOQ	%
delta-3-Carene	<LOQ	mg/g	0.100	<LOQ	%
Eucalyptol	<LOQ	mg/g	0.100	<LOQ	%
gamma-Terpinene	<LOQ	mg/g	0.100	<LOQ	%
Geraniol	<LOQ	mg/g	0.100	<LOQ	%
Guaiol	<LOQ	mg/g	0.100	<LOQ	%
Isopulegol	<LOQ	mg/g	0.100	<LOQ	%
Linalool	<LOQ	mg/g	0.100	<LOQ	%
Ocimene (mixture of isomers)	<LOQ	mg/g	0.100	<LOQ	%
p-Isopropyltoluene (p-Cymene)	<LOQ	mg/g	0.100	<LOQ	%
trans-beta-Ocimene	<LOQ	mg/g	0.100	<LOQ	%
trans-Nerolidol	<LOQ	mg/g	0.100	<LOQ	%
Terpinolene	<LOQ	mg/g	0.100	<LOQ	%

Foreign Material

Result Note

Date Tested: 06/05/2020

Absence

Water Activity

Result Units

Date Tested: 06/05/2020

0.565 Aw 0.030 Pass

Pesticides

Date Tested: 06/05/2020

Method:

Instrument:

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Etoazole	ND	ppm	0.010	Pass	Fenhexamid	ND	ppm	0.010	Pass
Fenoxycarb	ND	ppm	0.010	Pass	Fenpyroximate	ND	ppm	0.010	Pass
Fipronil	ND	ppm	0.010	Pass	Flonicamid	ND	ppm	0.010	Pass
Fludioxonil	ND	ppm	0.010	Pass	Hexythiazox	ND	ppm	0.010	Pass
Imazalil	ND	ppm	0.010	Pass	Imidacloprid	ND	ppm	0.010	Pass
Malathion	ND	ppm	0.010	Pass	Metalaxyl	ND	ppm	0.010	Pass
Methiocarb	ND	ppm	0.010	Pass	Methomyl	ND	ppm	0.010	Pass
Myclobutanil	ND	ppm	0.010	Pass	Naled	ND	ppm	0.010	Pass
Oxamyl	ND	ppm	0.010	Pass	Paclobutrazol	ND	ppm	0.010	Pass
Phosmet	ND	ppm	0.010	Pass	Prallethrin	ND	ppm	0.010	Pass
Propiconazole	ND	ppm	0.010	Pass	Propoxur	ND	ppm	0.010	Pass
Pyrethrin I	ND	ppm	0.010	Pass	Pyrethrin II	ND	ppm	0.010	Pass

NT = Not tested, ND = Not detected; LOQ = Limit of Quantitation; <LOQ = Detected; >ULOL = Above upper limit of linearity; CFU/g = Colony forming units per 1 gram; TNTC = Too numerous to count

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Sample Name: NHO S/M 250mg
Sample Type: Other

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Pesticides								
Date Tested: 06/05/2020		Method:			Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Pyridaben	ND	ppm	0.010	Pass	Spinetoram	ND	ppm	0.010	Pass
Dichlorvos	ND	ppm	0.010	Pass	Dimethoate	ND	ppm	0.010	Pass
Etofenprox	ND	ppm	0.010	Pass	Aldicarb	ND	ppm	0.010	Pass
Azoxystrobin	ND	ppm	0.010	Pass	Bifenazate	ND	ppm	0.010	Pass
Bifenthrin	ND	ppm	0.010	Pass	Boscalid	ND	ppm	0.010	Pass
Carbaryl	ND	ppm	0.010	Pass	Carbofuran	ND	ppm	0.010	Pass
Chlorantraniliprole	ND	ppm	0.010	Pass	Chlorpyrifos	ND	ppm	0.010	Pass
Clofentezine	ND	ppm	0.010	Pass	Coumaphos	ND	ppm	0.010	Pass
Daminozide	ND	ppm	0.010	Pass	Diazinon	ND	ppm	0.010	Pass
Acetamiprid	ND	ppm	0.010	Pass	Acephate	ND	ppm	0.010	Pass
Trifloxystrobin	ND	ppm	0.010	Pass	Ethoprophos	ND	ppm	0.010	Pass
Kresoxym-methyl	ND	ppm	0.010	Pass	Permethrins	ND	ppm	0.010	Pass
Piperonyl Butoxide	ND	ppm	0.010	Pass	Spinosyn A	ND	ppm	0.010	Pass
Spiroxamine-1	ND	ppm	0.010	Pass	AbamectinB1a	ND	ppm	0.010	Pass
Spinosyn D	ND	ppm	0.010	Pass	Spiromesifen	ND	ppm	0.010	Pass
Spirotetramat	ND	ppm	0.010	Pass	Tebuconazole	ND	ppm	0.010	Pass
Thiacloprid	ND	ppm	0.010	Pass	Thiamethoxam	ND	ppm	0.010	Pass

Moisture Content								
Date Tested: 06/05/2020		Method:			Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Percent Moisture	6	%	0.010	Pass					

Mycotoxins								
Date Tested: 06/05/2020		Method:			Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Ochratoxin A	ND	ppm	0.010	Pass	Aflatoxin B1	ND	ppm	0.010	Pass
Aflatoxin G2	ND	ppm	0.010	Pass	Aflatoxin B2	ND	ppm	0.010	Pass
Aflatoxin G1	ND	ppm	0.010	Pass					

Metals								
Date Tested: 06/08/2020		Method:			Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Arsenic	<LOQ	ppm	0.500	Pass	Cadmium	<LOQ	ppm	0.500	Pass
Lead	<LOQ	ppm	0.500	Pass	Mercury	<LOQ	ppm	3.000	Pass

Microbial								
Date Tested: 06/10/2020		Method:			Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
STEC (E. coli)	Negative			Pass	Salmonella	Negative			Pass
Listeria spp.	Negative			Pass	L. monocytogenes	Negative			Pass
Yeast/Mold	0	CFUs		Pass					

Residual Solvent								
Date Tested: 06/08/2020		Method:			Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
1-4 Dioxane	<LOQ	ppm	29	Pass	2-Butanol	<LOQ	ppm	175	Pass
2-Ethoxyethanol	<LOQ	ppm	24	Pass	2-Methylpentane	<LOQ	ppm	87	Pass

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Sample Name: NHO S/M 250mg
Sample Type: Other

Certificate of Analysis

Residual Solvent

Date Tested: 06/08/2020 Method: Instrument:

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
3-Methylpentane	<LOQ	ppm	87	Pass	2-Propanol	<LOQ	ppm	350	Pass
Cyclohexane	<LOQ	ppm	146	Pass	Ether	<LOQ	ppm	350	Pass
Ethylbenzene	<LOQ	ppm	81	Pass	Acetone	<LOQ	ppm	350	Pass
Isopropyl Acetate	<LOQ	ppm	175	Pass	Methylbutane	<LOQ	ppm	350	Pass
n-Heptane	<LOQ	ppm	350	Pass	n-Hexane	<LOQ	ppm	87	Pass
n-Pentane	<LOQ	ppm	350	Pass	Tetrahydrofuran	<LOQ	ppm	54	Pass
Acetonitrile	<LOQ	ppm	123	Pass	Ethanol	<LOQ	ppm	350	Pass
Ethyl acetate	<LOQ	ppm	175	Pass	o-Xylene	<LOQ	ppm	81	Pass
m+p-Xylene	<LOQ	ppm	163	Pass	Methanol	<LOQ	ppm	250	Pass
Methylene Chloride	<LOQ	ppm	90	Pass	Toluene	<LOQ	ppm	67	Pass

Authorized Signature

Jamie Hobgood

06/11/2020 10:35 AM

Laboratory Manager

Date Time

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