



# CERTIFICATE OF ANALYSIS

Customer: Hybrid Health Inc - Durham, NC 27717-1701

<b>Order #:</b> 706821	<b>Specimen Type:</b> Extract	<b>Initial Gross Weight:</b> 82074.00(mg)
<b>Batch #:</b> CBD Hive Replacement	<b>Description:</b> Hybrid health 500mg Tincture	<b>Specimen Weight:</b> 97.10(mg)
<b>Order Date:</b> 10/04/2019	<b>Extracted From:</b> Hemp	<b>Net Weight:</b> 29133(mg)
<b>Collection Date:</b> 10/04/2019	<b>Method:</b> SOP-3	<b>Density:</b> 0.9703(g/ml)
<b>Report Date:</b> 10/11/2019		

### Potency - 11 Details

Analyte	Result (mg/ml)	(%)	LOQ (%)	Analyte	Result (mg/ml)	(%)	LOQ (%)	Analyte	Result (mg/ml)	(%)	LOQ (%)
CBC	0.755	0.078	0.001	CBD	10.955	1.129	0.001	CBDA	ND	ND	0.001
CBDV	ND	ND	0.001	CBG	0.240	0.025	0.001	CBGA	ND	ND	0.001
CBN	0.648	0.067	0.001	Delta-8-THC	ND	ND	0.001	Delta-9-THC	ND	ND	0.001
THCA-A	ND	ND	0.001	THCV	ND	ND	0.001	Total CBD	10.955	1.129	0.001
Total THC	ND	ND	0.001								

### Potency - 11 Totals

Analyte	Result (mg)	(%)
<b>CBD Total</b>	<b>328.912</b>	<b>1.129</b>
<b>THC Total</b>	<b>ND</b>	<b>ND</b>
<b>CBG Total</b>	<b>7.210</b>	<b>0.025</b>
<b>CBN Total</b>	<b>19.449</b>	<b>0.067</b>
<b>Other Cannabinoids Total</b>	<b>22.680</b>	<b>0.078</b>
<b>Total Detected Cannabinoids</b>	<b>378.251</b>	<b>1.298</b>

### Pesticides ( Passed )

Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)
Abamectin	0.500	<LOQ	0.100	Accephate	0.400	<LOQ	0.100	Acequinocyl	2.000	<LOQ	0.750
Acetamiprid	0.200	<LOQ	0.100	Aldicarb	0.400	<LOQ	0.100	Azoxystrobin	0.200	<LOQ	0.100
Bifenazate	0.200	<LOQ	0.100	Bifenthrin	0.200	<LOQ	0.100	Boscalid	0.400	<LOQ	0.100
Carbaryl	0.200	<LOQ	0.100	Carbofuran	0.200	<LOQ	0.100	Chlorantraniliprole	0.200	<LOQ	0.100
Chlorpyrifos	0.200	<LOQ	0.100	Clofentezine	0.200	<LOQ	0.100	Cypermethrin	1.000	<LOQ	0.100
Daminozide	1.000	<LOQ	0.100	Diazinon	0.200	<LOQ	0.100	Dichlorvos	0.100	<LOQ	0.100
Dimethoate	0.200	<LOQ	0.100	Ethoprophos	0.200	<LOQ	0.100	Etofenprox	0.400	<LOQ	0.100
Etoxazole	0.200	<LOQ	0.100	Fenoxycarb	0.200	<LOQ	0.100	Fipronil	0.400	<LOQ	0.100
Flonicamid	1.000	<LOQ	0.100	Fludioxonil	0.400	<LOQ	0.100	Hexythiazox	1.000	<LOQ	0.100
Imazalil	0.200	<LOQ	0.100	Imidacloprid	0.400	<LOQ	0.100	Kresoxim Methyl	0.400	<LOQ	0.100
Malathion A	0.200	<LOQ	0.100	Metalaxyl	0.200	<LOQ	0.100	Methiocarb	0.200	<LOQ	0.100
Methomyl	0.400	<LOQ	0.100	MGK-264	0.200	<LOQ	0.100	Myclobutanil	0.200	<LOQ	0.100
Naled	0.500	<LOQ	0.100	Oxamyl	1.000	<LOQ	0.100	Pacllobutrazol	0.400	<LOQ	0.100
Parathion-methyl	0.200	<LOQ	0.250	Permethrin	0.200	<LOQ	0.100	Phosmet	0.200	<LOQ	0.100
Piperonylbutoxide	2.000	<LOQ	0.100	Prallethrin	0.200	<LOQ	0.100	Propiconazole	0.400	<LOQ	0.100
Propoxur	0.200	<LOQ	0.100	Pvretthrins	1.000	<LOQ	0.100	Pyridaben	0.200	<LOQ	0.100
Spinosyn A	0.200	<LOQ	0.100	Spinosyn D	0.200	<LOQ	0.100	Spiromesifen	0.200	<LOQ	0.100
Spirotetramat	0.200	<LOQ	0.100	Spiroxamine	0.400	<LOQ	0.100	Tebuconazole	0.400	<LOQ	0.100
Thiacloprid	0.200	<LOQ	0.100	Thiamethoxam	0.200	<LOQ	0.100	Trifloxystrobin	0.200	<LOQ	0.100

Thomas Farrell, MD  
Lab Director

\* Total CBD = CBD + (CBD-A \* 0.877). Total THC = THCA-A \* 0.877 + Delta 9 THC. \*CBG Total = (CBGA \* 0.877) + CBG. \*CBN Total = (CBNA \* 0.877) + CBN. \*Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A. \*Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A. \*Total (mg) = Total (%) \* Net Weight(mg). ND = <LOQ. T-Caryophyllene = Trans-Caryophyllene. <LOQ = Less Than Limit of Quantitation. QNS = Quantity Not Sufficient. (%) = Percent, (ppm) = Parts per Million, (ppb) = Parts per Billion, (µg/Kg) = Microgram per Kilogram, (mg/g) = Milligram per Gram, ppm = (µg/g), ppb = (µg/kg).

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**Mycotoxins ( Passed )** (LCMS/MS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Aflatoxin B1	<LOQ	<LOQ	6.000	Aflatoxin B2	<LOQ	<LOQ	6.000	Aflatoxin G1	<LOQ	<LOQ	6.000
Aflatoxin G2	<LOQ	<LOQ	6.000	Aflatoxin Total	20.000	<LOQ	6.000	Ochratoxin A	20.000	<LOQ	12.000

**Pathogenic Microbiology ( Passed )** (Micro Array)

Analyte	Result	Analyte	Result	Analyte	Result
Aspergillus Flavus	Absence	Aspergillus Fumigatus	Absence	Aspergillus Niger	Absence
Aspergillus Terreus	Absence	Salmonella	Absence	STEC E. Coli	Absence

**Water Activity ( Passed )** (AquaLab 4TE)

Analyte	Action Level (aw)	Result (aw)
Water Activity	0.850	0.681

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