

**Sample ID:** ET000946379NP  
**Product:** Distillate CBD oil 10%  
**Matrix:** Concentrates  
**Type:** Distillate  
**Sample Size:** 1.1mg

**Client:** Nature-Pharm  
**Collected:** 10/03/2023  
**Received:** 11/03/2023  
**Completed:** 22/03/2023  
**Batch#:** GY23858NP

Cannabinoids	LOD (mg/mL)	LOQ (mg/mL)	Result		Notes
			(mg/mL)	Result (mg/g)	
Cannabichromene (CBC)	0.070	0.220	0.589	0.62	Density =
Cannabichromenic Acid (CBCA)	0.064	0.201	0.318	0.33	0.945g/mL
Cannabidiol (CBD)	0.195	0.597	10.095	10.1	
Cannabidiolic Acid (CBDA)	0.201	0.612	ND	ND	
Cannabidivarin (CBDV)	0.046	0.141	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.084	0.255	ND	ND	
Cannabigerol (CBG)	0.040	0.125	0.889	0.90	
Cannabigerolic Acid (CBGA)	0.167	0.522	ND	ND	
Cannabinol (CBN)	0.052	0.163	ND	ND	
Cannabinolic Acid (CBNA)	0.114	0.356	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.198	0.622	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.180	0.218	0.144	0.16	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.160	0.501	ND	ND	
Tetrahydrocannabivarin (THCV)	0.036	0.114	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.141	0.442	ND	ND	
<b>Total Cannabinoids</b>			<b>12.035</b>	<b>12.11</b>	
Total Potential THC			0.144	0.16	
Total Potential CBD			10.095	10.1	

**Total CBD**  
**10.1%**

**Total THC**  
**0.16%**

**Total Cannabinoids**  
**12.11%**

## Final Approval

*Jeremy Longo*

*Nickol Mulner*

PREPARED BY / DATE

APPROVED BY / DATE

Jeremy Longo  
 Laboratory Manager  
 22Mar2023  
 13:05:00 PM

Nickol Mulner  
 Technology Manager  
 22Mar2023  
 13:22:00 PM



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## Pesticides Pass

Analyte	LOD	LOQ	Limit	Results	Status	Analyte	LOD	LOQ	Limit	Results	Status	
		µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.03	0.03	0.1	0.1	ND	Pass	Fludioxonil	0.03	0.1	0.1	ND	Pass
Acephate	0.03	0.03	0.1	0.1	ND	Pass	Hexythiazox	0.03	0.1	0.1	ND	Pass
Acequinocyl	0.03	0.03	0.1	0.1	ND	Pass	Imazalil	0.03	0.1	0.03	ND	Pass
Acetamiprid	0.03	0.03	0.1	0.1	ND	Pass	Imidacloprid	0.03	0.1	5	ND	Pass
Aldicarb	0.03	0.03	0.1	0.03	ND	Pass	Kresoxim Methyl	0.03	0.1	0.1	ND	Pass
Azoxystrobin	0.03	0.03	0.1	0.1	ND	Pass	Malathion	0.03	0.1	0.5	ND	Pass
Bifenazate	0.03	0.03	0.1	0.1	ND	Pass	Metalaxyl	0.03	0.1	2	ND	Pass
Bifenthrin	0.03	0.03	0.1	3	ND	Pass	Methiocarb	0.03	0.1	0.03	ND	Pass
Boscalid	0.03	0.03	0.1	0.1	ND	Pass	Methomyl	0.03	0.1	1	ND	Pass
Captan	0.03	0.03	0.1	0.7	ND	Pass	Meviothos	0.03	0.1	0.03	ND	Pass
Carbaryl	0.03	0.03	0.1	0.5	ND	Pass	Myclobutanil	0.03	0.1	0.1	ND	Pass
Carbofuran	0.03	0.03	0.1	0.03	ND	Pass	Naled	0.03	0.1	0.1	ND	Pass
Chlorantraniliprole	0.03	0.03	0.1	10	ND	Pass	Oxamyl	0.03	0.1	0.5	ND	Pass
Chlordane	0.03	0.03	0.1	0.03	ND	Pass	Paclobutrazol	0.03	0.1	0.03	ND	Pass
Chlorfenapyr	0.03	0.03	0.1	0.03	ND	Pass	Parathion Methyl	0.03	0.1	0.03	ND	Pass
Chlorpyrifos	0.03	0.03	0.1	0.03	ND	Pass	Pentachloronitrobenzene	0.03	0.1	0.1	ND	Pass
Clofentezine	0.03	0.03	0.1	0.1	ND	Pass	Permethrin	0.03	0.1	0.5	ND	Pass
Coumaphos	0.03	0.03	0.1	0.03	ND	Pass	Phosmet	0.03	0.1	0.1	ND	Pass
Cypermethrin	0.03	0.03	0.1	1	ND	Pass	Piperonyl Butoxide	0.03	0.1	3	ND	Pass
Daminozide	0.03	0.03	0.1	0.03	ND	Pass	Prallethrin	0.03	0.1	0.1	ND	Pass
Diazinon	0.03	0.03	0.1	0.1	ND	Pass	Propiconazole	0.03	0.1	0.1	ND	Pass
Dichlorvos	0.03	0.03	0.1	0.03	ND	Pass	Propoxur	0.03	0.1	0.03	ND	Pass
Dimethoate	0.03	0.03	0.1	0.03	ND	Pass	Pyrethrins	0.03	0.1	0.5	ND	Pass
Dimethomorph	0.03	0.03	0.1	2	ND	Pass	Pyridaben	0.03	0.1	0.1	ND	Pass
Ethoprophos	0.03	0.03	0.1	0.03	ND	Pass	Spinetoram	0.03	0.1	0.1	ND	Pass
Etofenprox	0.03	0.03	0.1	0.03	ND	Pass	Spinosad	0.03	0.1	0.1	ND	Pass
Etoxazole	0.03	0.03	0.1	0.1	ND	Pass	Spiromesifen	0.03	0.1	0.1	ND	Pass
Fenhexamid	0.03	0.03	0.1	0.1	ND	Pass	Spirotetramat	0.03	0.1	0.1	ND	Pass
Fenoxycarb	0.03	0.03	0.1	0.03	ND	Pass	Spiroxamine	0.03	0.1	0.03	ND	Pass
Fenpyroximate	0.03	0.03	0.1	0.1	ND	Pass	Tebuconazole	0.03	0.1	0.1	ND	Pass
Fipronil	0.03	0.03	0.1	0.03	ND	Pass	Thiacloprid	0.03	0.1	0.03	ND	Pass
Fonicamid	0.03	0.03	0.1	0.1	ND	Pass	Thiamethoxam	0.03	0.1	5	ND	Pass
							Trifloxystrobin	0.03	0.1	0.1	ND	Pass

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*Jeremy Longo*

*Nickol Mulner*

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Jeremy Longo  
 Laboratory Manager  
 22Mar 2023  
 13:05:00 PM MST

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## Residual Solvents

Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloro-Ethane	1	1	1	ND	Pass
Acetone	1	10	5000	<LOQ	Pass
Acetonitrile	1	5	410	ND	Pass
Benzene	1	1	1	ND	Pass
Butane	1	25	5000	ND	Pass
Chloroform	1	1	1	ND	Pass
Ethanol	1	10	5000	26.8	Pass
Ethyl-Acetate	1	10	5000	ND	Pass
Ethyl-Ether	1	10	5000	ND	Pass
Ethylene Oxide	1	1	1	ND	Pass
Heptane	1	10	5000	ND	Pass
Isopropanol	1	10	5000	ND	Pass
Methanol	1	10	3000	<LOQ	Pass
Methylene-Chloride	1	1	1	ND	Pass
n-Hexane	1	10	290	ND	Pass
Pentane	1	10	5000	ND	Pass
Propane	1	10	5000	ND	Pass
Toluene	1	10	890	ND	Pass
Trichloroethene	1	1	1	ND	Pass
Xylenes	1	10	2170	104.1	Pass



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## Microbials

Analytics	Units	Status
Aerobic Plate Count	CFU/g	NT
Aspergillus flavus	NR	
Aspergillus fumigatus	Not Detected in 1g	Pass
Aspergillus niger	Not Detected in 1g	Pass
Aspergillus terreus	Not Detected in 1g	Pass
Shiga Toxin-producing E. coli	Not Detected in 1g	Pass
Salmonella SPP	Not Detected in 1g	Pass
Yeast & Mold	Not Detected in 1g	Pass



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## Terpenes Analysis

	mg/g		mg/g
$\alpha$ -Bisabolol	N/A	Linalool	0.0881
Borneol	N/A	Ocimene	N/A
Camphene	N/A	$\beta$ -Ocimene	0.1433
Camphor	N/A	$\alpha$ -Pinene	0.0475
$\Delta$ 3-Carene	N/A	$\beta$ -Pinene	N/A
$\beta$ -Caryophyllene	0.1385	$\alpha$ -Terpinene	0.0872
Caryophyllene Oxide	0.0521	$\gamma$ -Terpinene	N/A
$\alpha$ -Cedrene	N/A	Menthol	N/A
Cedrol	N/A	Myrcene	0.1100
Citronellol	N/A	Nerol	N/A
p-Cymene	N/A	Nerolidol	N/A
Eucalyptol	N/A	Pulegone	N/A
Fenchol	N/A	Sabinene	N/A
Fenchone	N/A	Sabinene Hydrate	N/A
Geraniol	N/A	trans- $\beta$ -Farnesene	N/A
Geranyl Acetate	N/A	Valencene	N/A
Guaiol	0.0991	cis-Nerolidol	0.0883
$\alpha$ -Humulene	0.1218	trans-Nerolidol	N/A
Isoborneol	N/A	Limonene	0.1861

**Total Terpenes concentration: 1.162mg**

  
ENDOTECH

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