

# CERTIFICATE OF ANALYSIS

## ISO/IEC 17025:2017 ACCREDITATION #103104



Order #: 85048  
 Order Name: 2520mg sublingual  
 Batch#: 092321  
 Received: 10/02/2021  
 Completed: 10/04/2021

nacher cbd  
 2300 highland village road #9  
 highland village texas, 75077  
 (719) 373-1889  
 jordan@rootsapothecary.com



### Sample



**0.161%**  
D9-THC

**4.304%**  
Total CBD

**3,446.3 mg**  
Cannabinoids per unit

**2,440.1 mg**  
CBD per unit

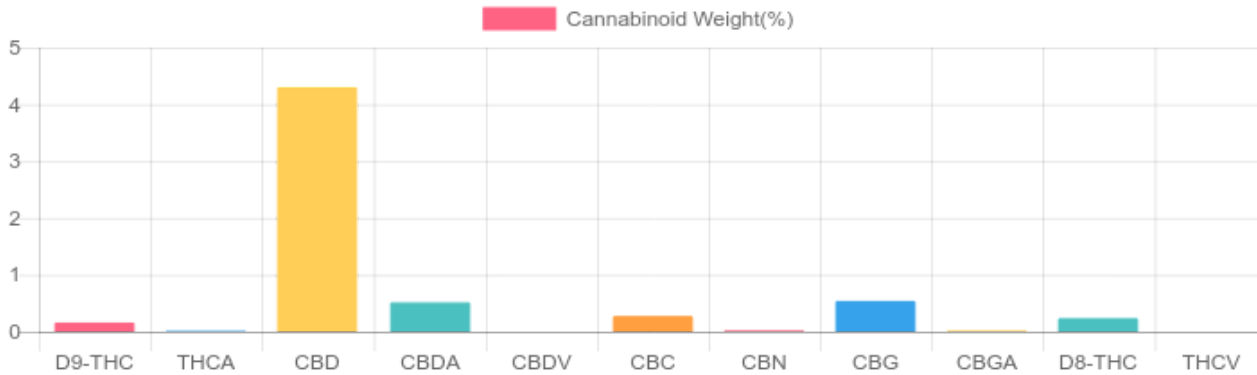
1 unit = 60 ml per unit x density (0.945) x Cannabinoid concentration

### Cannabinoids Test

HPLC-DAD  
 GSL SOP 400

UPLOADED: 10/04/2021 10:36:17

Cannabinoids	LOQ(mg/g)	weight(%)	mg/g	mg/unit
D9-THC	0.1954	0.161%	1.611	91.344
THCA	0.1954	B/LOQ	B/LOQ	B/LOQ
CBD	0.1954	4.304%	43.036	2,440.141
CBDA	0.1954	0.518%	5.180	293.706
CBDV	0.1954	N/D	N/D	N/D
CBC	0.1954	0.274%	2.744	155.585
CBN	0.1954	0.022%	0.224	12.701
CBG	0.1954	0.541%	5.407	306.577
CBGA	0.1954	0.020%	0.203	11.510
D8-THC	0.1954	0.238%	2.376	134.719
THCV	0.1954	N/D	N/D	N/D
TOTAL D9-THC		0.161%	0.161%	91.3
TOTAL CBD*		4.304%	43.036	2,440.1
TOTAL CANNABINOIDS		6.078%	60.781	3,446.3



\*Total CBD = CBD + CBDA x 0.877  
 N/D - Not Detected, B/LOQ - Below Limit of Quantification

Ben Witten, MS, MT., Lab Director

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 1-833 TEST CBD



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### PESTICIDE ANALYSIS:

GSL SOP 401

PREPARED: 10/02/2021 17:27:15

UPLOADED: 10/04/2021 13:48:33

LC-MS/MS

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)	Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
ABAMECTIN B1A	0.100	N/D	0.005	0.005	IMIDACLOPRID	5.000	N/D	0.005	0.001
ACEPHATE	0.100	N/D	0.005	0.001	KRESOXIM-METHYL	0.100	N/D	0.005	0.005
ACEQUINOCYL	0.100	N/D	0.005	0.005	MALATHION	0.500	N/D	0.005	0.001
ACETAMIPRID	0.100	N/D	0.005	0.005	METALAXYL	2.000	N/D	0.005	0.001
ALDICARB	0.100	N/D	0.005	0.005	METHIOCARB	0.100	N/D	0.005	0.001
AZOXYSTROBIN	0.100	N/D	0.005	0.001	METHOMYL	1.000	N/D	0.005	0.001
BIFENAZATE	0.100	N/D	0.005	0.001	MEVINPHOS	0.100	N/D	0.005	0.001
BIFENTHRIN	3.000	N/D	0.005	0.005	MYCLOBUTANIL	0.100	N/D	0.005	0.005
BOSCALID	0.100	N/D	0.005	0.005	NALED	0.100	N/D	0.005	0.001
CARBARYL	0.500	N/D	0.005	0.001	OXAMYL	0.500	N/D	0.005	0.001
CARBOFURAN	0.100	N/D	0.005	0.001	PACLOBUTRAZOL	0.100	N/D	0.005	0.005
CHLORANTRANILIPROLE	10.000	N/D	0.005	0.005	PERMETHRINS	0.500	N/D	0.005	0.005
CHLORPYRIFOS	0.100	N/D	0.005	0.005	PHOSMET	0.100	N/D	0.005	0.001
CLOFENTEZINE	0.100	N/D	0.005	0.005	PIPERONYL	3.000	N/D	0.005	0.005
DAMINOZIDE	0.100	N/D	0.005	0.001	BUTOXIDE				
DIAZINON	0.100	N/D	0.005	0.005	PRALLETHRIN	0.100	N/D	0.005	0.005
DICHLORVOS	0.100	N/D	0.005	0.001	PROPICONAZOLE	0.100	N/D	0.010	0.005
DIMETHOATE	0.100	N/D	0.005	0.001	PROPOXUR	0.100	N/D	0.005	0.001
DIMETHOMORPH	2.000	N/D	0.005	0.001	PYRETHRINS	0.500	N/D	0.005	0.001
ETHOPROPHOS	0.100	N/D	0.005	0.001	PYRIDABEN	0.100	N/D	0.005	0.005
ETOFENPROX	0.100	N/D	0.005	0.005	SPINETORAM	0.100	N/D	0.005	0.005
ETOXAZOLE	0.100	N/D	0.050	0.005	SPINOSAD	0.100	N/D	0.005	0.005
FENHEXAMID	0.100	N/D	0.005	0.001	SPIROMESIFEN	0.100	N/D	0.005	0.001
FENOXYCARB	0.100	N/D	0.005	0.005	SPIROTETRAMAT	0.100	N/D	0.005	0.005
FENPYROXIMATE	0.100	N/D	0.005	0.005	SPIROXAMINE	0.100	N/D	0.005	0.001
FIPRONIL	0.100	N/D	0.005	0.005	TEBUCONAZOLE	0.100	N/D	0.005	0.001
FLONICAMID	0.100	N/D	0.025	0.005	THIACLOPRID	0.100	N/D	0.005	0.001
FLUDIOXONIL	0.100	N/D	0.005	0.005	THIAMETHOXAM	5.000	N/D	0.005	0.001
HEXYTHIAZOX	0.100	N/D	0.005	0.005	TRIFLOXYSTROBIN	0.100	N/D	0.005	0.005
IMAZALIL	0.100	N/D	0.005	0.001					

N/D = Not Detected, A/LOQ = Above LOQ Level, B/LOQ = Below LOQ Level, B/LOD = Below LOD Level

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### Heavy Metals Analysis:

ICP-MS  
GSL SOP 403

Uploaded: 10/04/2021 15:25:31

Metal	Action Level (ppb)	Result (ppb)
ARSENIC (AS)	200	B/LOQ
CADMIUM (CD)	200	N/D
MERCURY (HG)	100	N/D
LEAD (PB)	500	N/D

Lower Limit of Quantitation (LOQ) is 75 ppb, Limit of Detection (LOD) is 3 ppb

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