



# Certificate of Analysis

Powered by Confident Cannabis

Northland Vapor Company

Sample: 2008DBL0056.7413

Moorehead, MN 56560  
 jason@northlandvapor.com  
 (701) 238-1025  
 Lic. #CBD

METRC Sample:

Strain: NA  
 Ordered: 08/06/2020; Sampled: 08/10/2020; Completed: 08/18/2020

## Bullybrew

Ingestible, Beverage



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

### Terpenes

Analyzed by 300.13 GC/FID and GC/MS

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g
<LOQ Total Terpenes			
α-Bisabolol	42.873	<LOQ	<LOQ
α-Humulene	42.873	<LOQ	<LOQ
α-Pinene	42.873	<LOQ	<LOQ
α-Terpinene	42.873	<LOQ	<LOQ
β-Caryophyllene	42.873	<LOQ	<LOQ
β-Myrcene	42.873	<LOQ	<LOQ
β-Pinene	42.873	<LOQ	<LOQ
Camphene	42.873	<LOQ	<LOQ
Caryophyllene Oxide	42.873	<LOQ	<LOQ
cis-Nerolidol	27.867	<LOQ	<LOQ
cis-Ocimene	27.867	<LOQ	<LOQ
δ-3-Carene	42.873	<LOQ	<LOQ
δ-Limonene	42.873	<LOQ	<LOQ
Eucalyptol	42.873	<LOQ	<LOQ
γ-Terpinene	42.873	<LOQ	<LOQ
Guaiol	42.873	<LOQ	<LOQ
Isopulegol	42.873	<LOQ	<LOQ
Linalool	42.873	<LOQ	<LOQ
p-Cymene	42.873	<LOQ	<LOQ
Terpinolene	42.873	<LOQ	<LOQ
trans-Nerolidol	15.006	<LOQ	<LOQ
trans-Ocimene	15.006	<LOQ	<LOQ

### Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
<LOQ Δ9-THC + Δ8-THC				
		3.287 mg/unit CBD		
				Not Tested
				pH: 4.74
				Aw: NT
		3.287 mg/unit Total Cannabinoids		Not Tested
				Homogeneity
CBC	2.250	<LOQ	<LOQ	
CBCa	2.250	<LOQ	<LOQ	
CBD	2.250	3.287	0.007	
CBDa	2.250	<LOQ	<LOQ	
CBDV	2.250	<LOQ	<LOQ	
CBDVa	2.250	<LOQ	<LOQ	
CBG	2.250	<LOQ	<LOQ	
CBGa	2.250	<LOQ	<LOQ	
CBL	2.250	<LOQ	<LOQ	
CBN	2.250	<LOQ	<LOQ	
Δ8-THC	2.250	<LOQ	<LOQ	
Δ9-THC	2.250	<LOQ	<LOQ	
THCa	2.250	<LOQ	<LOQ	
THCV	2.250	<LOQ	<LOQ	
THCVa	2.250	<LOQ	<LOQ	

1 Unit = Bullybrew, 450g  
 Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa \* 0.877 + CBD



*Stacy Gardalen*

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 Quality Control

*Glen Marquez*

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 Quality Control



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## Bullybrew

Ingestible, Beverage



### Pesticides

Analyzed by 300.9 LC/MS/MS and GC/MS/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Abamectin	10	200	<LOQ	Pass
Acequinocyl	10	4000	<LOQ	Pass
Bifenazate	10	400	<LOQ	Pass
Bifenthrin	10	100	<LOQ	Pass
Cyfluthrin	10	2000	<LOQ	Pass
Cypermethrin	10	1000	<LOQ	Pass
Daminozide	10	800	<LOQ	Pass
Dimethomorph	10	2000	<LOQ	Pass
Etoxazole	10	400	<LOQ	Pass
Fenhexamid	10	1000	<LOQ	Pass
Flonicamid	10	1000	<LOQ	Pass
Fludioxonil	10	500	<LOQ	Pass
Imidacloprid	10	500	<LOQ	Pass
Myclobutanil	10	400	<LOQ	Pass
Pacllobutrazol	10	400	<LOQ	Pass
Piperonyl Butoxide	10	3000	<LOQ	Pass
Pyrethrins	10	2000	<LOQ	Pass
Quintozene	10	800	<LOQ	Pass
Spinetoram	10	1000	<LOQ	Pass
Spinosad	10	1000	<LOQ	Pass
Spirotetramat	10	1000	<LOQ	Pass
Thiamethoxam	10	400	<LOQ	Pass
Trifloxystrobin	10	1000	<LOQ	Pass
Plant Growth Regulators	10	50	<LOQ	Pass

### Microbials

Analyzed by 300.1 Plating/QPCR

Pass

Quantitative Analysis	LOQ	Limit	Mass	Status
	CFU/g	CFU/g	CFU/g	
Aerobic Bacteria	1000	100000	10900	Pass
Bile-Tolerant Gram-Negative Bacteria	100	1000	<LOQ	Pass

  

Qualitative Analysis	Detected or Not Detected	Status
E. Coli	Not Detected	Pass
Salmonella	Not Detected	Pass

### Mycotoxins

Analyzed by 300.2 Elisa

Pass

Mycotoxin	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Aflatoxins	4.0	20.0	5.3	Pass
Ochratoxin A	2.0	20.0	<LOQ	Pass

### Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	42	2000	<LOQ	Pass
Cadmium	42	820	<LOQ	Pass
Lead	42	1200	66	Pass
Mercury	42	400	<LOQ	Pass

### Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	61	500	<LOQ	Pass
Ethanol	61		<LOQ	Tested
Heptanes	61	500	<LOQ	Pass
Propane	61	500	<LOQ	Pass



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