

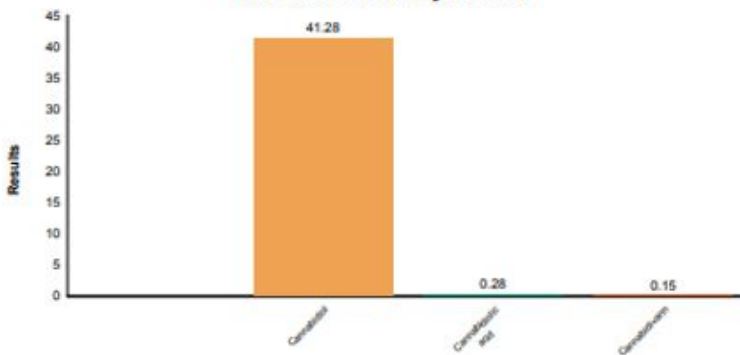
REPORT OF ANALYSIS

Reported:
23-Sep-18 15:40

House of Gro
HIT Vape
MSI0125-01 (Concentrate)

Sampled: 19-Sep-2018 0:00

Cannabis Potency Profile



Cannabinoids by HPLC

Analyte	Result	Reporting		Analyzed	Method	Analyst	Pass/Fail		Test Remarks
		Limit	Units				Limit	Remarks	
Cannabidiarin	0.146	0.054	% by Weight	9/20/18 21:27	SOP-CAN-100	LM	N/A		
Cannabidiolic acid	0.278	0.054	% by Weight	9/20/18 21:27	SOP-CAN-100	LM	N/A		
Cannabigerolic acid	ND	0.054	% by Weight	9/20/18 21:27	SOP-CAN-100	LM	N/A		
Cannabigerol	ND	0.054	% by Weight	9/20/18 21:27	SOP-CAN-100	LM	N/A		
Cannabidiol	41.3	0.054	% by Weight	9/20/18 21:27	SOP-CAN-100	LM	N/A		
Tetrahydrocannabivarin	ND	0.054	% by Weight	9/20/18 21:27	SOP-CAN-100	LM	N/A		
Cannabinol	ND	0.054	% by Weight	9/20/18 21:27	SOP-CAN-100	LM	N/A		
Delta-8-THC	ND	0.054	% by Weight	9/20/18 21:27	SOP-CAN-100	LM	N/A		
Delta-9-THC	ND	0.054	% by Weight	9/20/18 21:27	SOP-CAN-100	LM	N/A		
Cannabichromene	ND	0.054	% by Weight	9/20/18 21:27	SOP-CAN-100	LM	N/A		
THCA-A	ND	0.054	% by Weight	9/20/18 21:27	SOP-CAN-100	LM	N/A		

Total Cannabinoids (Calculated)

Analyte	Result	Reporting		Analyzed	Method	Analyst	Pass/Fail		Test Remarks
		Limit	Units				Limit	Remarks	
Total CBD (CBD+CBDA)	41.6	0.0539	% by Weight	9/20/18 21:27	Calculation	LM	N/A		
Max CBD	41.5	0.0474	% by Weight	9/20/18 21:27	Calculation	LM	N/A		
Total THC (THC + THCA)	ND	0.0539	% by Weight	9/20/18 21:27	Calculation	LM	N/A		
Max THC	ND	0.0473	% by Weight	9/20/18 21:27	Calculation	LM	N/A		
Total Cannabinoid Results	41.7	0.0539	% by Weight	9/20/18 21:27	Calculation	LM	N/A		

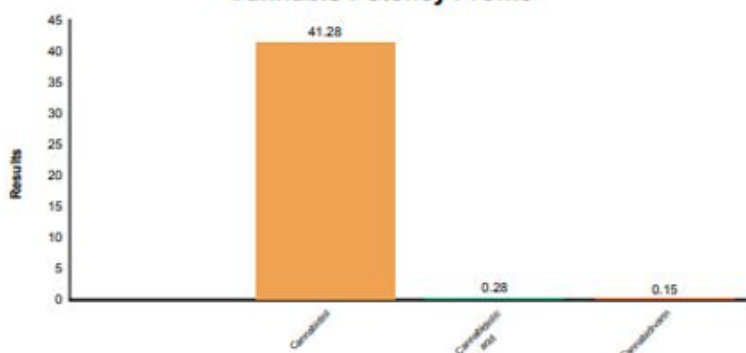
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Cannabis Potency Profile



Terpenes by GC/MS

Analyte	Result	Reporting Limit	Units	Analyzed	Method	Analyst	Pass/Fail Limit	Test Remarks
alpha-Pinene	0.13	0.11	% by Weight	9/22/18 20:04	SOP-AQC-103	LM	N/A	
beta-Myrcene	0.47	0.11	% by Weight	9/22/18 20:04	SOP-AQC-103	LM	N/A	
d-Limonene	1.08	0.11	% by Weight	9/22/18 20:04	SOP-AQC-103	LM	N/A	
Terpinolene	0.11	0.11	% by Weight	9/22/18 20:04	SOP-AQC-103	LM	N/A	
Linalool	0.33	0.11	% by Weight	9/22/18 20:04	SOP-AQC-103	LM	N/A	
beta-Citronellol	ND	0.11	% by Weight	9/22/18 20:04	SOP-AQC-103	LM	N/A	
Borneol	ND	0.11	% by Weight	9/22/18 20:04	SOP-AQC-103	LM	N/A	
beta-Caryophyllene	0.89	0.11	% by Weight	9/22/18 20:04	SOP-AQC-103	LM	N/A	
alpha-Humulene	0.38	0.11	% by Weight	9/22/18 20:04	SOP-AQC-103	LM	N/A	
alpha-Bisabolol	0.22	0.11	% by Weight	9/22/18 20:04	SOP-AQC-103	LM	N/A	

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Notes and Definitions

Analytes in **bold** are values above the reporting limit.

Sample results are reported on an "as received" basis.

BD - Analyte result is below the method reporting limit.

Matrix matched quality control check samples for cannabis are available for microbiological analysis only. Matrix matched quality control samples for the other analytes do not exist for cannabis at this time. Due to this unavailability, even ISO/IEC validated methods cannot be fully verified for the efficiency and accuracy of the extraction and analysis in any current Maine or New Hampshire laboratory setting.

The sample date, if not listed on the submission form, will be recorded as the date the samples were received.

Heat activation of cannabis products converts THCA to THC and CBDA to CBD in a time and temperature dependent manner. This conversion is known as decarboxylation and results from the loss of CO₂ during heating. Max THC and Max CBD results are calculated to account for the loss of CO₂ that occurs during this process.