

HL-17

Sample ID: BIA260428S0640
 Strain: Grape Gas
 Harvest Lot: HL-CLTV0372-17-1
 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 2.5 g
 Lot#:

Produced:
 Collected:
 Received: 04/29/2026
 Completed: 04/30/2026
 Batch#:

Client
depot cultivators
 Lic. # clvt-0372
 32 Depot Ave
 Windsor, VT 05089



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	04/29/2026	Complete
Moisture	04/29/2026	7.70% - Complete
Water Activity	04/29/2026	0.322 aw - Complete

Cannabinoids

Completed

23.62%			ND			28.20%			
Total THC			Total CBD			Total Cannabinoids			
Analyte	LOQ	Results	Results	Mass	Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving		mg/g	%	mg/g	mg/serving
CBDVa	0.0003	<LOQ	<LOQ		CBCVa	0.0003	<LOQ	<LOQ	
CBDV	0.0003	<LOQ	<LOQ		CBNa	0.0003	<LOQ	<LOQ	
CBDa	0.0005	<LOQ	<LOQ		Δ9-THC	0.0005	0.61	6.1	
CBGa	0.0005	0.67	6.7		Δ8-THC	0.0003	<LOQ	<LOQ	
CBG	0.0005	0.19	1.9		Δ10-THC*	0.0002	<LOQ	<LOQ	
CBD	0.0005	<LOQ	<LOQ		CBL	0.0005	<LOQ	<LOQ	
THCV	0.0003	<LOQ	<LOQ		CBC	0.0003	<LOQ	<LOQ	
CBLV	0.0003	<LOQ	<LOQ		THCa	0.0005	26.24	262.4	
CBCV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.34	3.4	
THCVa	0.0003	0.15	1.5		CBLa	0.0005	<LOQ	<LOQ	
CBN	0.0005	<LOQ	<LOQ		Total THC		23.62	236.22	
					Total CBD		ND	ND	ND
					Total		28.20	282.03	0.00

Analyst:
 Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)
 Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:
 $TotalTHC = (THCA \times 0.877) + \Delta 9-THC$
 $Total CBD = (CBDA \times 0.877) + CBD \text{ Reagent}$
 Blanks: < LOQs for all analytes
 LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).
 All results reflect dry weight of material, based on % moisture of the sample.
 Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement. Δ9-THC MU = ±0.005% Total THC MU = ±0.007%
 All other cannabinoid MU values are available upon request.
 All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.
 *The result is the sum of delta-10 isomers.




Luke Emerson-Mason
 Laboratory Director
 04/30/2026

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261 Mountain View Dr
 Colchester, VT 05446
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 info@onwardanalytics.biz

Certificate of Analysis

Client Name: Batchworth LLC
License Number: CLTV-0372

Sample ID: 20260428-31375
Sample Name: Grape Gas
Sample Lot: HL-17
Sample Matrix: Flower
Date Received: 4/29/2026
Date Reported: 5/7/2026
Date Tested: 5/1/2026



Total Terpenes (%) : 0.9682

Dominant Terpenes (%)	
beta-caryophyllene	0.2795
Linalool	0.2132
Myrcene	0.1098
alpha-Humulene	0.1008
Limonene	0.1003

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #103546

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.0363	0.363	0.000003	0.001
alpha-Humulene	0.1008	1.008	0.000002	0.001
alpha-Pinene	0.0141	0.141	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0081	0.081	0.000004	0.001
beta-caryophyllene	0.2795	2.795	0.000004	0.001
beta-Pinene	0.0314	0.314	0.000002	0.001
Camphene	0.0049	0.049	0.000001	0.001
Caryophyllene Oxide	0.0247	0.247	0.000011	0.001
Eucalyptol	0.0048	0.048	0.000002	0.001
gamma-Terpinene	ND	ND	0.000002	0.001
Geraniol	0.017	0.17	0.000008	0.003
Guaiol	ND	ND	0.000007	0.001
Isopulegol	ND	ND	0.000005	0.001
Isopropyl Toluene	ND	ND	0.000003	0.001
Limonene	0.1003	1.003	0.000002	0.001
Linalool	0.2132	2.132	0.000003	0.001
Nerolidol	0.0233	0.233	0.000007	0.001
Myrcene	0.1098	1.098	0.000003	0.001
Ocimene	ND	ND	0.000002	0.001
Total Terpenes	0.9682	9.682		

Callie Chapman
 Lab Director
 5/7/2026

Rev. 1 Initial Release

In performing the services, Onward Analytics, ("OA") shall exercise a degree of skill and care ordinarily exercised by a reasonably prudent laboratory professional under similar circumstances. Except as set forth in the preceding sentence, client acknowledges and agrees that: (a) the services may require OA to make judgements based upon limited data rather than upon scientific certainties; (b) OA's approach, recommendations, and associated cost estimates, if any, are based on industry practices and averages; (c) OA renders its opinions with respect to observations made and data available at the time of testing; (d) ultimate outcomes could be inconsistent with OA's conclusions, results and projections; and (e) there may be additional reports relating to the site (whether prepared by OA or other parties), and reliance upon any OA report without reference to any such other reports is done at client's sole risk.





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Certificate of Analysis

Client Name: Batchworth LLC
License Number: CLTV-0372

Sample ID: 20260429-31401
Sample Name: Grape Gas
Sample Lot: HL-17
Sample Matrix: Flower
Date Received: 4/29/2026
Date Reported: 5/7/2026
Date Tested: 4/30/2026



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-130-OA) | Test ID: #103639

Analyte	Result	Pass/Fail
A. Fumigatus	None Detected	PASS
A. Niger	None Detected	PASS
A. Flavus	None Detected	PASS
A. Terreus	None Detected	PASS
STEC	None Detected	PASS
Salmonella	None Detected	PASS



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Certificate of Analysis

Client Name: Batchworth LLC
License Number: CLTV-0372

Sample ID: 20260428-31379
Sample Name: GG, DI, MC, GB
Sample Lot: HL-17
Sample Matrix: Flower
Date Received: 4/29/2026
Date Reported: 5/7/2026
Date Tested: 4/30/2026



Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - **Limit units: ppm** | Test ID: #103557

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00687	0.02081
Abamectin B1b	Pass	ND	0.10000	0.00133	0.00405
Acephate	Pass	ND	0.10000	0.02214	0.06710
Acequinocyl	Pass	ND	0.10000	0.02276	0.06897
Azoxystrobin	Pass	ND	0.10000	0.01262	0.03825
Bifenazate	Pass	ND	0.10000	0.01232	0.03734
Bifenthrin	Pass	ND	3.00000	0.04612	0.13976
Carbaryl	Pass	ND	0.50000	0.01039	0.03149
Chlorpyrifos	Pass	ND	0.04000	0.00702	0.02128
Cypermethrin	Pass	ND	1.00000	0.02839	0.08604
Etoxazole	Pass	ND	0.10000	0.00915	0.02772
Imazalil	Pass	ND	0.04000	0.00664	0.02012
Imidacloprid	Pass	ND	5.00000	0.02001	0.06063
Myclobutanil	Pass	ND	0.10000	0.01691	0.05123
Spinosyn A	Pass	ND	0.10000	0.00632	0.01916
Spinosyn D	Pass	ND	0.10000	0.00256	0.00775
Pyrethrins	Pass	ND	0.50000	0.00022 0.00498 *	0.00072 0.00015 *

* Pyrethrins action limit represents sum of isomers I & II



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