



Certificate ID: **83621**

Received: **6/25/20**

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HMHealth

1617 Main St, Suite A-165

Longmont, CO 80501

Attn: Natalie Mondine

Client Sample ID: **Abacus Diesel™**

Lot Number: **Abacus Diesel™**

Matrix: **Flowers/Bud - Dry Flower**

Authorization:

Chris Hudalla, Chief Science Officer

Signature:



Date:

7/3/2020



The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.













TP: Terpenes Profile [WI-10-27]

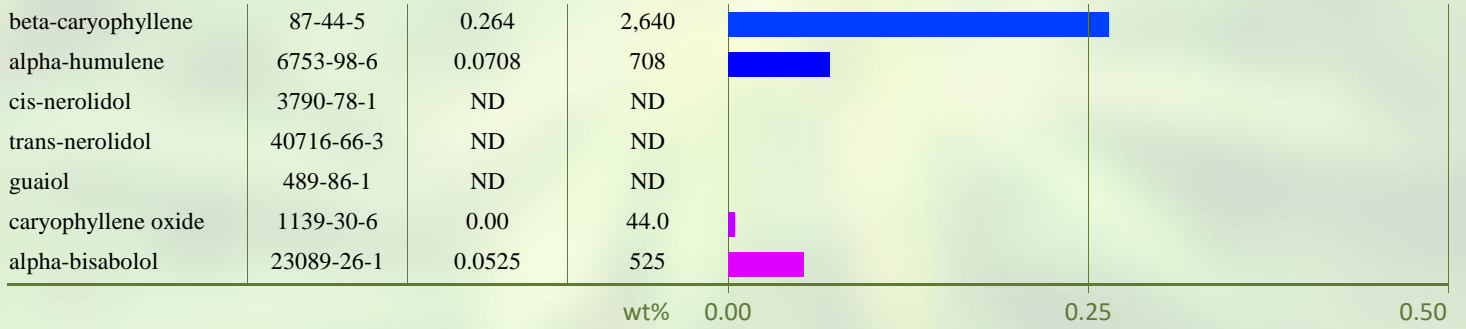
Analyst: CA

Test Date: 7/2/2020

Client sample analysis was performed using full evaporative technique (FET) headspace sample delivery and gas chromatographic (GC) compound separation. A combination of flame ionization detection (FID) and/or mass spectrometric (MS) detection with mass spectral confirmation against the National Institute of Standards and Technology (NIST) Mass Spectral Database, Revision 2017 were used. Chromatographic and/or mass spectral data were processed by quantitatively comparing the analytical peak areas against calibration curves prepared from certified reference standards.

83621-TP

Compound	CAS	Conc. (wt%)	Conc. (ppm)	Qualitative Profile	
alpha-pinene	80-56-8	0.0296	296		
camphene	79-92-5	0.00	54.9		
sabinene*	3387-41-5	ND	ND		
beta-myrcene	123-35-3	0.262	2,620		
beta-pinene	127-91-3	0.0415	415		
alpha-phellandrene	99-83-2	ND	ND		
delta-3-carene	13466-78-9	ND	ND		
alpha-terpinene	99-86-5	<RL	<RL		
alpha-ocimene	502-99-8	0.00	9.14		
D-limonene	138-86-3	0.311	3,110		
p-cymene	99-87-6	ND	ND		
cis-beta-ocimene	3338-55-4	0.00	59.0		
eucalyptol	470-82-6	0.00	12.0		
gamma-terpinene	99-85-4	0.00	8.17		
terpinolene	586-62-9	0.00	43.4		
linalool	78-70-6	0.212	2,120		
L-fenchone*	7787-20-4	ND	ND		
isopulegol	89-79-2	ND	ND		
menthol*	89-78-1	ND	ND		
geraniol	106-24-1	0.0179	179		



Total Terpene: 1.3 wt%

* Certified reference standard not available for this compound. Concentration is estimated using the response factor from alpha-pinene. ND = None Detected. RL = Reporting Limit of 5 ppm.

END OF REPORT