



Cosmic Diesel Hydroponic CBG

Sample ID: G0G0119-01

Matrix: Industrial Hemp

Test ID: 5008193

Source ID:

Date Sampled: 07/02/20

Date Accepted: 07/02/20

Arete Hemp LLC

Potency Analysis

Date/Time Extracted: 07/03/20 11:20

Analysis Method/SOP: 215

Batch Identification: 2027053

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.0794	< LOQ	< LOQ	<p>0.4</p> <p>11.9</p> <p>CBGA 11.9 CBG 0.4 Total: 12.3</p>
Total CBD	0.0181	< LOQ	< LOQ	
THCA	0.0255	< LOQ	< LOQ	
delta 9-THC	0.0794	< LOQ	< LOQ	
THCV	0.0442	< LOQ	< LOQ	
THCVA	0.0165	< LOQ	< LOQ	
CBD	0.0136	< LOQ	< LOQ	
CBDA	0.0181	< LOQ	< LOQ	
CBDV	0.0437	< LOQ	< LOQ	
CBDVA	0.0143	< LOQ	< LOQ	
CBN	0.0261	< LOQ	< LOQ	
CBG	0.0069	0.3915	3.915	
CBGA	0.0069	11.91	119.1	
CBC	0.0784	< LOQ	< LOQ	

Moisture

Date/Time Extracted: 07/07/20 10:13

Analysis Method/SOP: 103

Moisture: 6.24 %

Action Level: 15%

Potency results are reported on a dry weight basis.

Total THC = delta 9-THC + (THCA * 0.877)

Total CBD = CBD + (CBDA * 0.877)

LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.



Russell Kuhfeld

Russell Kuhfeld
Quality Officer - 7/7/2020

All QC samples met acceptance criteria of the method; data available upon request. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

Lab results apply to the sample as received, samples were not collected per OAR 333-007 requirements



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Sample ID: G0G0119-01

Matrix: Industrial Hemp

Test ID: 5008193

Source ID:

Date Sampled: 07/02/20

Date Accepted: 07/02/20

Arete Hemp LLC

Terpene Analysis

Date/Time Extracted: 07/03/20 11:20

Analysis Method/SOP: 204

Monoterpenes	%	mg/g	Monoterpenes	%	mg/g
Camphene	< LOQ	< LOQ	Camphor	< LOQ	< LOQ
3-Carene	< LOQ	< LOQ	alpha-Cedrene	< LOQ	< LOQ
Cedrol	< LOQ	< LOQ	Endo-fenchyl alcohol	< LOQ	< LOQ
Eucalyptol	< LOQ	< LOQ	Fenchone	< LOQ	< LOQ
Geraniol	< LOQ	< LOQ	Geranyl acetate	< LOQ	< LOQ
Hexahydrothymol	< LOQ	< LOQ	Isoborneol	< LOQ	< LOQ
Isopulegol	< LOQ	< LOQ	Limonene	0.01494	0.1494
Linalool	< LOQ	< LOQ	p-Mentha-1,5-diene	< LOQ	< LOQ
beta-Myrcene	< LOQ	< LOQ	alpha-Pinene	< LOQ	< LOQ
beta-Pinene	< LOQ	< LOQ	Pulegone	< LOQ	< LOQ
Sabinene	< LOQ	< LOQ	Sabinene hydrate	< LOQ	< LOQ
gamma-Terpinene	< LOQ	< LOQ	alpha-Terpinene	< LOQ	< LOQ
Terpineol	0.01019	0.1019	Terpinolene	< LOQ	< LOQ
B Y-Terpineol	< LOQ	< LOQ	Nerol	< LOQ	< LOQ
A-Terpineol	0.01618	0.1618	Borneol	< LOQ	< LOQ
Ocimene isomer II	< LOQ	< LOQ	Ocimene isomer I	< LOQ	< LOQ
Sesquiterpenes	%	mg/g	Sesquiterpenes	%	mg/g
alpha-Bisabolol	0.06081	0.6081	beta-Caryophyllene	0.03459	0.3459
Caryophyllene Oxide	< LOQ	< LOQ	Guaiol	0.05020	0.502
alpha-Humulene	0.01015	0.1015	trans-Nerolidol	< LOQ	< LOQ
Valencene	< LOQ	< LOQ	cis-Nerolidol	< LOQ	< LOQ
Total Terpenes	0.1869	1.869			

<LOQ - Results below the Limit of Quantitation - Terpenes profile/analysis are not accredited to ORELAP TNI 2009 Quality Standards.