



### Purple Tsunami Indoor Hemp Flower

Sample ID: G0F0329-01

Matrix: Industrial Hemp

Test ID: 5008086

Source ID:

Date Sampled: 06/18/20

Date Accepted: 06/18/20

Arete Hemp LLC

### Potency Analysis

Date/Time Extracted: 06/20/20 12:15

Analysis Method/SOP: 215

Batch Identification: 2025066

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile														
Total THC	0.0096	0.4567	4.567	<table border="1"> <tr><td>THCA</td><td>0.5</td></tr> <tr><td>delta 9-THC</td><td>0.0</td></tr> <tr><td>CBDA</td><td>11.2</td></tr> <tr><td>CBD</td><td>0.2</td></tr> <tr><td>CBG</td><td>0.0</td></tr> <tr><td>CBDVA</td><td>0.0</td></tr> <tr><td>Total:</td><td>12.0</td></tr> </table>	THCA	0.5	delta 9-THC	0.0	CBDA	11.2	CBD	0.2	CBG	0.0	CBDVA	0.0	Total:	12.0
THCA	0.5																	
delta 9-THC	0.0																	
CBDA	11.2																	
CBD	0.2																	
CBG	0.0																	
CBDVA	0.0																	
Total:	12.0																	
Total CBD	0.0088	10.01	100.1															
THCA	0.0031	0.5087	5.087															
delta 9-THC	0.0096	0.0106	0.106															
THCV	0.0054	< LOQ	< LOQ															
THCVA	0.0020	< LOQ	< LOQ															
CBD	0.0066	0.1878	1.878															
CBDA	0.0088	11.19	111.9															
CBDV	0.0053	< LOQ	< LOQ															
CBDVA	0.0017	0.0237	0.237															
CBN	0.0032	< LOQ	< LOQ															
CBG	0.00084	0.0428	0.428															
CBGA	0.00084	< LOQ	< LOQ															
CBC	0.0095	< LOQ	< LOQ															

### Moisture

Date/Time Extracted: 06/20/20 12:42

Analysis Method/SOP: 103

Moisture: 5.84 %

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.



ISO 17025  
ACCREDITED  
LABORATORY

*Russell Kuhfeld*

Russell Kuhfeld  
Quality Officer - 6/23/2020

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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Source ID:

Date Sampled: 06/18/20

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**Arete Hemp LLC**

### Terpene Analysis

Date/Time Extracted: 06/20/20 12:15

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	0.03697	0.3697
Linalool	< LOQ	< LOQ	p-Mentha-1,5-diene	< LOQ	< LOQ
beta-Myrcene	0.1663	1.663	alpha-Pinene	0.05402	0.5402
beta-Pinene	0.01148	0.1148	Pulegone	< LOQ	< LOQ
Sabinene	< LOQ	< LOQ	Sabinene hydrate	< LOQ	< LOQ
gamma-Terpinene	< LOQ	< LOQ	alpha-Terpinene	< LOQ	< LOQ
Terpineol	< LOQ	< LOQ	Terpinolene	< LOQ	< LOQ
B Y-Terpineol	< LOQ	< LOQ	Nerol	< LOQ	< LOQ
A-Terpineol	< LOQ	< LOQ	Borneol	< LOQ	< LOQ
Ocimene isomer II	0.1918	1.918	Ocimene isomer I	< LOQ	< LOQ
Sesquiterpenes	%	mg/g	Sesquiterpenes	%	mg/g
alpha-Bisabolol	0.06011	0.6011	beta-Caryophyllene	0.07938	0.7938
Caryophyllene Oxide	0.006713	0.06713	Guaiol	0.02973	0.2973
alpha-Humulene	0.02570	0.257	trans-Nerolidol	< LOQ	< LOQ
Valencene	< LOQ	< LOQ	cis-Nerolidol	< LOQ	< LOQ
<b>Total Terpenes</b>	<b>0.6622</b>	<b>6.622</b>			

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



*Russell Kuhfeld*

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