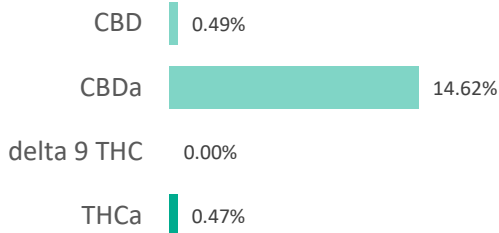
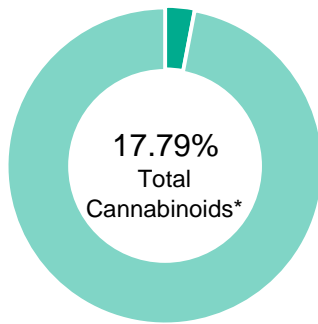


APNY_HSG_HF_MERLOT

Batch ID:	APNY_HSG_HF_F-30.56.63.83.201.301_MERLOT	Test ID:	5708570.0027
Reported:	14-Dec-2019	Method:	TM14
Type:	Plant		
Test:	Potency		

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.05	0.47	4.7
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.02	0.00	0.0
Cannabidiolic acid (CBDA)	0.08	14.62	146.2
Cannabidiol (CBD)	0.04	0.49	4.9
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.03	0.00	0.0
Cannabinolic Acid (CBNA)	0.06	0.00	0.0
Cannabinol (CBN)	0.03	0.00	0.0
Cannabigerolic acid (CBGA)	0.04	0.29	2.9
Cannabigerol (CBG)	0.02	0.04	0.4
Tetrahydrocannabivarinic Acid (THCVA)	0.04	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.02	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.07	0.25	2.5
Cannabidivarin (CBDV)	0.04	0.00	0.0
Cannabichromenic Acid (CBCA)	0.04	1.53	15.3
Cannabichromene (CBC)	0.04	0.10	1.0
Total Cannabinoids		17.79	177.90
Total Potential THC**		0.41	4.12
Total Potential CBD**		13.31	133.12

NOTES:

N/A

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)


* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877))$$

$$\text{and Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$

FINAL APPROVAL


 Sam Smith
 14-Dec-2019
 7:14 AM
 PREPARED BY / DATE


 David Green
 14-Dec-2019
 8:34 AM
 APPROVED BY / DATE

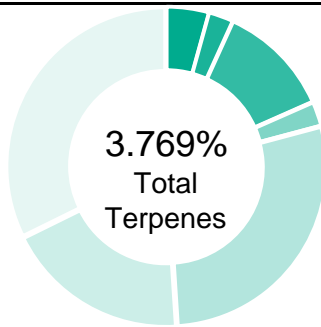
Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



APNY_HSG_HF_MERLOT

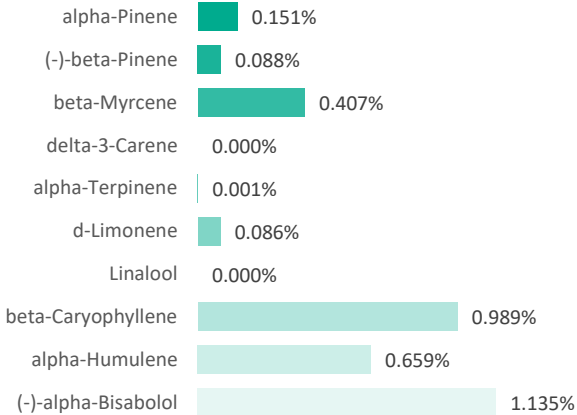
Batch ID:	APNY_HSG_HF_F-30.56.63.83.201.301_MERLOT	Test ID:	8283491.0031
Reported:	15-Dec-2019	Method:	TM10
Type:	Plant		
Test:	Terpenes		

TERPENE PROFILE



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	1.135	11.35
Camphene	0.007	0.07
delta-3-Carene	0.000	0
beta-Caryophyllene	0.989	9.89
(-)-Caryophyllene Oxide	0.165	1.65
p-Cymene	0.000	0
Eucalyptol	0.057	0.57
Geraniol	0.000	0
alpha-Humulene	0.659	6.59
(-)-Isopulegol	0.000	0
d-Limonene	0.086	0.86
Linalool	0.000	0
beta-Myrcene	0.407	4.07
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.001	0.01
beta-Ocimene	0.020	0.2
alpha-Pinene	0.151	1.51
(-)-beta-Pinene	0.088	0.88
alpha-Terpinene	0.001	0.01
gamma-Terpinene	0.003	0.03
Terpinolene	0.000	0
	3.769%	37.69

PREDOMINANT TERPENES



NOTES:

0

FINAL APPROVAL

Daniel Weidensaul
Daniel Weidensaul
14-Dec-2019
2:59 PM

Mike Branvold
Mike Branvold
15-Dec-2019
8:06 PM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02