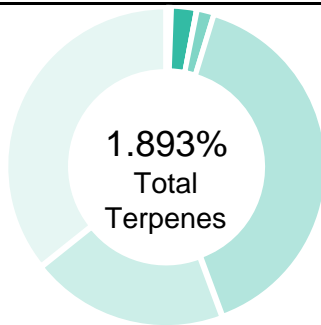


HFO CRUDE

Batch ID:		Test ID:	2683073.005
Reported:	27-Aug-2019	Method:	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.581	5.81
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.644	6.44
(-)-Caryophyllene Oxide	0.206	2.06
p-Cymene	0.000	0
Eucalyptol	0.042	0.42
Geraniol	0.000	0
alpha-Humulene	0.324	3.24
(-)-Isopulegol	0.000	0
d-Limonene	0.026	0.26
Linalool	0.000	0
beta-Myrcene	0.039	0.39
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.001	0.01
beta-Ocimene	0.006	0.06
alpha-Pinene	0.004	0.04
(-)-beta-Pinene	0.005	0.05
alpha-Terpinene	0.003	0.03
gamma-Terpinene	0.004	0.04
Terpinolene	0.008	0.08
	1.893%	18.93



PREDOMINANT TERPENES

alpha-Pinene	0.004%
(-)-beta-Pinene	0.005%
beta-Myrcene	0.039%
delta-3-Carene	0.000%
alpha-Terpinene	0.003%
d-Limonene	0.026%
Linalool	0.000%
beta-Caryophyllene	0.644%
alpha-Humulene	0.324%
(-)-alpha-Bisabolol	0.581%

NOTES:

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FINAL APPROVAL

 Daniel Weidensaul 27-Aug-2019 9:57 AM	 Greg Zimpfer 27-Aug-2019 10:56 AM
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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