

Certificate of Analysis

9043267

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Customer ID: 44-100001
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ANALYTICAL RESULTS

Lab Sample ID: **9043267-01**
 Description: **Profile PINEAPPLE EXPRESS TERPENE PEN**

Analyte	Result	Flag	Units	MRL	Method	Analyzed	Analyst
(-)-alpha-Bisabolol	0.04	D, B	%	0.02	-	04/18/2019 15:47	KJL
(-)-beta-Pinene	0.02	D, U	%	0.02	-	04/18/2019 15:47	KJL
(-)-Caryophyllene oxide	ND	d, u	%	0.02	-	04/18/2019 15:47	KJL
(-)-Guaiol	ND	d, u	%	0.02	-	04/18/2019 15:47	KJL
(-)-Isopulegol	ND	d, u	%	0.02	-	04/18/2019 15:47	KJL
1,8-Cineole (Eucalyptol)	ND	d, u	%	0.02	-	04/18/2019 15:47	KJL
alpha-Humulene	2.05	D, B	%	0.25	-	04/19/2019 15:12	KJL
alpha-Pinene	0.86	D	%	0.02	-	04/18/2019 15:47	KJL
alpha-Terpinene	ND	d, u	%	0.02	-	04/18/2019 15:47	KJL
beta-Caryophyllene	0.27	D, B	%	0.02	-	04/18/2019 15:47	KJL
beta-Myrcene	0.28	D	%	0.02	-	04/18/2019 15:47	KJL
Camphene	ND	d, u	%	0.02	-	04/18/2019 15:47	KJL
delta-3-carene	0.03	D, B	%	0.02	-	04/18/2019 15:47	KJL
d-Limonene	0.05	D	%	0.02	-	04/18/2019 15:47	KJL
gamma-Terpinene	ND	d, u	%	0.02	-	04/18/2019 15:47	KJL
Geraniol	ND	d, u	%	0.02	-	04/18/2019 15:47	KJL
Linalool	ND	d, u	%	0.02	-	04/18/2019 15:47	KJL
Nerolidol 1	0.02	D, U	%	0.02	-	04/18/2019 15:47	KJL
Nerolidol 2	ND	d, u	%	0.02	-	04/18/2019 15:47	KJL
Ocimene 1	ND	d, u	%	0.02	-	04/18/2019 15:47	KJL
Ocimene 2	ND	d, u	%	0.02	-	04/18/2019 15:47	KJL
p-Isopropyltoluene (p-Cymene)	ND	d, u	%	0.02	-	04/18/2019 15:47	KJL
Terpinolene	ND	d, u	%	0.02	-	04/18/2019 15:47	KJL

Analyte	Result	Flag	Units	MRL	Method	Analyzed	Analyst
Cannabidiol (CBD)	7.87	D	%	0.005	HPLC	04/19/2019 09:45	KJL
Cannabidiolic Acid (CBDa)	ND	d, u	%	0.005	HPLC	04/19/2019 09:45	KJL
Cannabigerol (CBG)	ND	d, u	%	0.005	HPLC	04/19/2019 09:45	KJL
Cannabinol (CBN)	ND	d, u	%	0.005	HPLC	04/19/2019 09:45	KJL
delta-8-Tetrahydrocannabinol	ND	d, u	%	0.005	HPLC	04/19/2019 09:45	KJL
delta-9-Tetrahydrocannabinol	ND	d, u	%	0.005	HPLC	04/19/2019 09:45	KJL
delta-9-Tetrahydrocannabinolic Acid A	ND	d, u	%	0.005	HPLC	04/19/2019 09:45	KJL
Tetrahydrocannabivarin (THCV)	ND	d, u	%	0.005	HPLC	04/19/2019 09:45	KJL
Cannabichromene (CBC)	ND	d, u	%	0.005	HPLC	04/19/2019 09:45	KJL

Analyte	Result	Flag	Units	MRL	Method	Analyzed	Analyst
Total Cannabidiol	7.87		%	0.00499	HPLC	04/19/2019 09:45	KJL
Total delta-9-THC	ND		%	0.00499	HPLC	04/19/2019 09:45	KJL

Qualifiers

- B Target analyte detected in method blank at or above the method reporting limit.
- D Results reported from dilution.
- U Target analyte was analyzed for, but was below detection limit (the value associated with the qualifier is the laboratory method detection limit in our LIMS system).

Standard Qualifiers/Acronyms

- MRL Minimum Reporting Limit
- ND Not Detected
- DUP Sample Duplicate
- > Greater than
- < Less than



Angela Deal, Project Manager