

## Certificate of Analysis

### 9043267

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Customer ID: 44-100001  
 Report Printed: 04/19/2019 16:57

### ANALYTICAL RESULTS

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

Analyte	Result	Flag	Units	MRL	Method	Analyzed	Analyst
<b>(-)-alpha-Bisabolol</b>	<b>0.04</b>	D, B	%	0.02	-	04/18/2019 15:47	KJL
<b>(-)-beta-Pinene</b>	<b>0.02</b>	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
<b>alpha-Humulene</b>	<b>2.05</b>	D, B	%	0.25	-	04/19/2019 15:12	KJL
<b>alpha-Pinene</b>	<b>0.86</b>	D	%	0.02	-	04/18/2019 15:47	KJL
alpha-Terpinene	ND	d, u	%	0.02	-	04/18/2019 15:47	KJL
<b>beta-Caryophyllene</b>	<b>0.27</b>	D, B	%	0.02	-	04/18/2019 15:47	KJL
<b>beta-Myrcene</b>	<b>0.28</b>	D	%	0.02	-	04/18/2019 15:47	KJL
Camphene	ND	d, u	%	0.02	-	04/18/2019 15:47	KJL
<b>delta-3-carene</b>	<b>0.03</b>	D, B	%	0.02	-	04/18/2019 15:47	KJL
<b>d-Limonene</b>	<b>0.05</b>	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
<b>Nerolidol 1</b>	<b>0.02</b>	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

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