

Blueberry

 SAMPLE TYPE
Essential Oil

 RECEIVED **07/31/18**
 REPORTED **08/09/18**

 CUSTOMER
 Eybna Technologies

 STEEP HILL ID
BK56240

 BATCH ID
6-01-0010

 DENSITY **0.86 g/mL**

TEST NAME

Extended Terpenes

 METHOD NAME
 SOP-024

Terpene	mg/mL	%	mg/g	LOD mg/g	LOQ mg/g
α -Bisabolol	5.7	0.66	6.6	0.00020	0.00048
endo-Borneol	2.4	0.28	2.8	0.00020	0.00047
Camphene	3.3	0.39	3.9	0.00020	0.00048
Camphor	ND	ND	ND	0.00020	0.00048
3-Carene	ND	ND	ND	0.00020	0.00047
Caryophyllene Oxide	2.7	0.32	3.2	0.00020	0.00049
β -Caryophyllene	88	10.3	103	0.00020	0.00047
α -Cedrene	ND	ND	ND	0.00020	0.00048
Cedrol	ND	ND	ND	0.00020	0.00048
Citronellol	ND	ND	ND	0.00020	0.00048
Eucalyptol	ND	ND	ND	0.00020	0.00049
α -Farnesene	ND	ND	ND	0.000100	0.00029
β -Farnesene	ND	ND	ND	0.000100	0.00039
Fenchol	8.0	0.93	9.3	0.00020	0.00048
Fenchone	ND	ND	ND	0.00020	0.00048

ND - Not Detected

 LOD - Limit of Detection
 LOQ - Limit of Quantitation

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Terpene	mg/mL	%	mg/g	LOD mg/g	LOQ mg/g
Geraniol	ND	ND	ND	0.00020	0.00047
Geranyl Acetate	ND	ND	ND	0.00020	0.00048
Guaiol	ND	ND	ND	0.00030	0.00098
α -Humulene	32	3.7	37	0.00020	0.00048
Isoborneol	ND	ND	ND	0.00020	0.00048
Isopulegol	ND	ND	ND	0.00020	0.00049
D-Limonene	60.	7.0	70.	0.00020	0.00048
Linalool	49	5.7	57	0.00020	0.00047
Menthol	ND	ND	ND	0.00020	0.00048
β -Myrcene	420	50.	500	0.00020	0.00049
Nerol	ND	ND	ND	0.00020	0.00049
cis-Nerolidol	ND	ND	ND	0.00020	0.00047
trans-Nerolidol	36	4.2	42	0.000030	0.000090
cis- β -Ocimene	ND	ND	ND	0.000100	0.00036
trans- β -Ocimene	ND	ND	ND	0.000040	0.000130
α -Phellandrene	ND	ND	ND	0.00020	0.00049
Phytol 1	ND	ND	ND	0.000100	0.00030
Phytol 2	3.5	0.41	4.1	0.000100	0.00032
α -Pinene	86	10.1	101	0.00020	0.00048
β -Pinene	46	5.4	54	0.00020	0.00048
Pulegone	ND	ND	ND	0.00020	0.00048
Sabinene	< LOQ			0.000030	0.000090
Sabinene Hydrate	ND	ND	ND	0.000030	0.000090
α -Terpinene	ND	ND	ND	0.00020	0.00048
γ -Terpinene	ND	ND	ND	0.00020	0.00048

ND - Not Detected
 < LOQ - Below Limit of Quantitation

LOD - Limit of Detection
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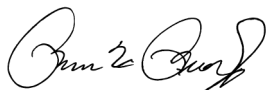
SOP-024

Terpene	mg/mL	%	mg/g	LOD mg/g	LOQ mg/g
α -Terpineol	9.5	1.11	11.1	0.00020	0.00047
Terpinolene	< LOQ			0.00020	0.00047
Valencene	ND	ND	ND	0.00020	0.00049
Total Measured	852	100	1005		

ND - Not Detected
< LOQ - Below Limit of Quantitation

LOD - Limit of Detection
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CERTIFICATION



BRIAN BRANDLEY PH.D
CHIEF OF LAB OPERATIONS

CERTIFICATE #: BK56240-5

REVISION: TRP-001 Rev. 3.

This certificate is issued in accordance with Steep Hill standard operating procedure SOP-024. The above results relate only to the samples tested and for the specific tests conducted. Steep Hill grants permission to reproduce this document in full only.