

Cheese

 SAMPLE TYPE
Essential Oil

 RECEIVED **07/31/18**
 REPORTED **08/06/18**

 CUSTOMER
 Eybna Technologies

 STEEP HILL ID
BK56243

 BATCH ID
6-08-0010

 DENSITY **0.85 g/mL**

TEST NAME

Extended Terpenes

 METHOD NAME
 SOP-024

Terpene	mg/mL	%	mg/g	LOD mg/g	LOQ mg/g
α -Bisabolol	6.6	0.78	7.8	0.00020	0.00048
endo-Borneol	ND	ND	ND	0.00020	0.00047
Camphene	6.4	0.75	7.5	0.00020	0.00048
Camphor	ND	ND	ND	0.00020	0.00048
3-Carene	ND	ND	ND	0.00020	0.00047
Caryophyllene Oxide	1.73	0.20	2.0	0.00020	0.00049
β -Caryophyllene	130.	15.3	153	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	5.9	0.69	6.9	0.00020	0.00048
Fenchone	ND	ND	ND	0.00020	0.00048

ND - Not Detected
*LOD - Limit of Detection
 LOQ - Limit of Quantitation*

Cheese

TEST NAME

Extended Terpenes

METHOD NAME

SOP-024

Terpene	mg/mL	%	mg/g	LOD mg/g	LOQ mg/g
Geraniol	ND	ND	ND	0.00020	0.00047
Geranyl Acetate	3.8	0.45	4.5	0.00020	0.00048
Guaiol	ND	ND	ND	0.00030	0.00098
α -Humulene	89	10.5	105	0.00020	0.00048
Isoborneol	ND	ND	ND	0.00020	0.00048
Isopulegol	ND	ND	ND	0.00020	0.00049
D-Limonene	111	13.0	130.	0.00020	0.00048
Linalool	27	3.2	32	0.00020	0.00047
Menthol	ND	ND	ND	0.00020	0.00048
β -Myrcene	290	35	350	0.00020	0.00049
Nerol	ND	ND	ND	0.00020	0.00049
cis-Nerolidol	ND	ND	ND	0.00020	0.00047
trans-Nerolidol	22	2.6	26	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	1.89	0.22	2.2	0.000100	0.00032
α -Pinene	95	11.2	112	0.00020	0.00048
β -Pinene	50.	5.8	58	0.00020	0.00048
Pulegone	ND	ND	ND	0.00020	0.00048
Sabinene	0.33	0.038	0.38	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

 LOD - Limit of Detection
 LOQ - Limit of Quantitation

Cheese

TEST NAME

Extended Terpenes

METHOD NAME

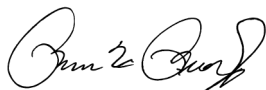
SOP-024

Terpene	mg/mL	%	mg/g	LOD mg/g	LOQ mg/g
α -Terpineol	6.1	0.72	7.2	0.00020	0.00047
Terpinolene	< LOQ			0.00020	0.00047
Valencene	ND	ND	ND	0.00020	0.00049
Total Measured	847	100	1004		

ND - Not Detected
< LOQ - Below Limit of Quantitation

LOD - Limit of Detection
LOQ - Limit of Quantitation

CERTIFICATION



BRIAN BRANDLEY PH.D
CHIEF OF LAB OPERATIONS

CERTIFICATE #: BK56243-5

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.