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Box 248, 12682 Route 6

ERTIFICATE OF

Kensington, PE C0B 1M0
T (902) 836-3332 F (902) 836-4506

Analytical Lab Analyst(s)	Analytical Lab Manager	Manufacture Date	Sample Receipt Date / Retest Date
Kaitlin Delaney	Terence McGeown	Jul-2018	Aug-18 / Oct-20

Item / Description	Lot No.	Product Code
Vegan Softgels containing Refined Ahiflower® (<i>Buglossoides arvensis</i>) Oil	1806064	AHI-O-NCI-1-012A

Analysis Results

Specification	Result	Typical or Maximum
Appearance*	Conforms	Softgel
Size/Shape*	Conforms	12A Oval
Gel Colour*	Conforms	Clear
Fill Colour*	Conforms	Yellow
Average Fill Weight*	586 mg	561 – 619 mg
Average Gross Weight*	790 mg	754 – 833 mg
Rupture Time*	< 10 mins	Per Ph. Eur. requirement
Fill Oil Peroxide Value	0.3	Maximum 5
Fill Oil Anisidine Value	8.3	Maximum 15
Fill Oil Moisture	0.01%	< 0.2%
Fill Oil Free Fatty Acids	0.18%	< 0.3%
Fill Oil Unsaponifiable Matter*	0.50%	< 1.5%
Fill Oil Colour (RY)	2.0 R 20.0 Y	Max 2.0 R, 20 Y
Total Plate Count*	< 10	NMT 3,000 cfu/g
Yeast and Mould*	< 10	NMT 300 cfu/g
<i>E. coli</i> *	ND	Negative/10g
<i>Salmonella spp.</i> *	ND	Negative/10g
<i>Staph. aureus</i> *	ND	Negative/10g
<i>Ps. aeruginosa</i> *	ND	Negative/10g
Total Coliforms*	< 10	< 10 cfu/g

*Subcontracted tests

Fatty Acid Profile

Fatty Acid	Amount per Softgel
C18:1 Oleic	56
C18:2 Linoleic	68
C18:3 GLA	31
C18:3 ALA	249
C18:4 Stearidonic	106

Antioxidants / Additives

Description	Quantity (w/w)
Fortium RPT40 IP (Rosemary extract with tocopherols and ascorbyl palmitate)	0.1% (fill oil)

Results reported on as received basis unless otherwise specified. This report applies to the analysis done on the sample submitted for testing and is not necessarily indicative of the quality or condition of any other sample of an apparently identical or similar nature. As a mutual protection to clients, the public and this laboratory, all reports are submitted as the confidential property for the use of the client to whom it is addressed, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written authorization.

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ANALYSIS

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Authorization

Signature

15-Aug-2018

Date

Verification

Signature

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Date

Additional Comments

Softgel capsules are filled with refined Ahiflower oil.
 Ahiflower Seed oil is manufactured from *Buglossoides arvensis* seeds that are grown in the United Kingdom. The oil is refined and packaged in Canada. Refined Ahiflower Oil is encapsulated in the United Kingdom.
 Capsule is composed of non-GMO Modified Food Starch, Glycerol, Carrageenan, Sodium Carbonate (anhydrous), Purified Water.

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