



Control Form #: 0023  
 C of A Flax Oil  
 Date: July 24, 2023  
 Prepared By: Mike Popowich  
 Approved By: *AMEP*  
 Revision #: 4

## Certificate of Analysis - Flax Oil

Made from 100% food grade whole flax seeds.

Raw Material: Flax Seed

Color: Light Golden Yell

<u>CONSTITUENT</u>	<u>AVERAGE</u>	<u>RANGE</u>
Iodine Value	193	170 - 215
Saponification Value	194	186 to 96
Unsaponifiable Matter	0.80%	0 - 1.5%
Trans Fatty Acids	0	0 - 0.5 Grams/100g
p-Ansidine Value	0.50%	0 - 6 % p-A.V.
Peroxide Value	0.4	0 - 5 meg/kg
Acid Value	0.7	0 - 4.0 mg KOH/g fat or oil
Free Fatty Acids	0.11%	0 - 2.0 %
<u>FAT CONTENT</u>	% relative (average) Values May Vary up to 5%	
Saturated Fat	8%	0 - 12%
Naturally Occurring Trans Fat	0%	0 - 0.5
Monounsaturated Fat	18.90%	15% - 25%
Polyunsaturated F	73.14%	65% - 75%
<u>FATTY ACID PROFILE</u>	<u>AVERAGE %</u>	<u>RANGE %</u>
Omega 3 C18:3n3 (alpha-Linolenic)	57%	50 - 75%
Omega 6 C18:2 (Linoleic)	15.87%	12 - ≤ 26%
Omega 9 C18:1n9 (Oleic)	17.87%	15 - ≤ 21%
<u>METAL ANALYSIS</u>	<u>TARGET</u>	<u>RANGE</u>
Cadmium	0	0 - 0.4 mg/kg
Copper	0	0 - 0.4 mg/kg
Iron	0	0 - 5.0 mg/kg
Lead	0	0 - 0.1 mg/kg
Mercury	0	0 - 0.01 mg/kg

Product of Canada  
 100% All Natural

Non GMO

Certified Kosher

Date: July 26, 2023

Prepared By: Genecarh Sorono - Quality Manager