MILLIGAN BIO

CANOLA POWERED PRODUCTS AND FEED

CANOLA FEED OIL ANALYSIS*

	METHOD	RESULT
PURITY		
ACID VALUE	AOCS Cd 3a-63	6.88 mg KOH/g
p-ANISIDINE VALUE	AOCS Cd 18-90	3.002 g^{-1}
PEROXIDE VALUE	AOCS Cd 8b-53	12.38 meq/kg
OIL CONTENT	*In House (NMR)*	98.1%
Iodine Value	AOCS Cd 1d-92	83.44
Color	AOCS Cc 13b-45 (Lovibond)	Red 53.3
		Yellow 0.0
		Blue 16.2
		Neutral 0.0
FATTY ACID PROFILE (FAC)	AOCS Ce li-07	
Myristic acid		0.06%
Palmitic acid C16:0		4.42%
Palmitoleic acid C16:1		0.15%
Stearic acid		1.64%
Oleic acid C18:1 n9c		60.95%
Elaidic acid C18:1 n9t		3.61%
Linoleic acid C18:2 n6c		19.51%
α- Linolenic acid C18:3 n3		8.23%
cis-11 Eicosanoic acid C20:1 n9		1.09%
Behenic acid C22:0		0.30%
Saturated FA (%)		**6.36**
MUFA (%)		**65.90**
PUFA (%)		**27.74**
Omega 3 (%)		**8.23**
Omega 6 (%)		**19.51**
Omega 9 (%)		**65.66**
IMPURITIES/ELEMENTAL ANALYSIS		
As	AOCS Ca 17-01	**<0.06 ppm**
Cd	AOCS Ca 17-01	**<0.006 ppm**
Hg	AOCS Ca 17-01	**<0.03 ppm**
Pb	AOCS Ca 17-01	**<0.07 ppm**
Water Content	*In house (Karl Fischer)*	**0.11%**
Phosphatidycholine	*In House (NMR)*	**390 ppm**
Phosphatidylinositol	*In House (NMR)*	**214 ppm**
Phosphatidic acid	*In House (NMR)*	**826 ppm**
Phosphatidylethanolamine	*In House (NMR)*	**383 ppm**

*Results based on third party analysis from Prairie Tide Diversified Inc.

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