

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	<i>In House (NMR)</i>	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	<i>In house (Karl Fischer)</i>	0.11%
Phosphatidycholine	<i>In House (NMR)</i>	390 ppm
Phosphatidylinositol	<i>In House (NMR)</i>	214 ppm
Phosphatidic acid	<i>In House (NMR)</i>	826 ppm
Phosphatidylethanolamine	<i>In House (NMR)</i>	383 ppm

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