



Established 1838

TECHNICAL DATA

Weich, Holme & Clark Co., Inc., 7 Avenue L, Newark, NJ 07105

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Certificate of Analysis

MFG. Date: 7-18-17

REFINED CORN OIL NF

TEST	METHOD	RESULTS	RANGE
Acid Value	USP 40	0.044	<0.2
Unsaponifiable matter	USP 40	0.53%	< 1.5%
Peroxide	USP 40	0.2	10.0 max
Sterol	USP 40	0.04	<0.3 Brassicasterol
Alkaline Impurities	USP 40	0.00	Passes test
Water	USP 40	0.011	0.1% max
Residual Solvents USP<467>	USP 40	Meets Requirements	
Heavy Metals	USP 40	<10 PPM	NMT 10 PPM
Fatty Aid Composition	USP 40		
FATTY ACID	<C14 C14 C:16 C16:1 C18 C18:1 C18:2		
USP RANGE	≤0.1 ≤0.1 8.6 – 16.5 ≤0.5 1-3.3 20-42.2 39.4- 62		
Weight %	ND 0.03 11.4 0.07 1.6 29.0 56.0		
FATTY ACID	C18:3 C20 C20:1 C22 C22:1 C24		
USP RANGE	0.5-1.5 ≤0.8 ≤0.5 ≤0.3 ≤0.1 ≤0.4		
Weight%	1.0 0.4 0.3 0.1 ND 0.1		

This certifies that the above product meets all the requirements of the USP 40 Revision for Refined Corn Oil.

Color Gardner	AOCS	3 -
Appearance	WHC #1	Golden-yellow, bright & clear oily liquid
Flavor and odor	WHC #2	Bland, almost odorless
FFA as oleic	USP 40	0.022 %
Weight per gallon	WHC #3	7.6553 LBS or 3.4724 KGS
Iodine Value	UPS 40	125.9
Sap Value	USP 40	191.5
Specific Gravity	USP 40	0.9199

Expiration/retest Date 7/2018
Mfg: Archer Daniels Midland
Decatur, IL

WELCH, HOLME & CLARK CO., INC.

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Quality Control

The preceding data is provided for the convenience of the user and does not relieve the user of normal liability for inspection of material upon delivery or prior to actual use. No warranty of fitness for a particular purpose is made.