

NATIONAL LECITHIN, INC.

PLANT AND WAREHOUSE
VETERANS INDUSTRIAL PARK
USA CONTAINER
152 ROUTE 206 SOUTH
HILLSBOROUGH, NEW JERSEY 08844
(732) 752-7722 – (908) 722-4198 FAX

OFFICE AND HEADQUARTERS
93 SPRING STREET, STE. 303
NEWTON, NEW JERSEY 07860
(973) 940-8920 – (973) 940-8921 FAX
Email: PattiBruno@TechnicalOil.com
& Patti@NationalLecithin.com
Website: www.NationalLecithin.com

FN - FLUID SOY LECITHIN - CERTIFICATE OF ANALYSIS
EXAMPLE

<u>Characteristic</u>	<u>Result</u>	<u>Specification</u>
<u>SENSORY:</u>		
Odor	Complies	Bland, slightly nutty
Appearance	Complies	Semi-clear, viscous liquid
<u>PHYSICAL-CHEMICAL:</u>		
Moisture (%)	0.30	Max 1.0
Peroxide Value (meq. O ₂ /kg)	Complies*	Max 5.0
Acid Value (mg/g)	28.6	Max 32
Acetone Insolubles (%)	63.4	Min 62
Hexane Insolubles (%)	Complies*	Max 0.3
Color (Gardner-Holt)	15	Max 18
Viscosity at 77 °F/25 °C (Poise)	87	Max 150
<u>RESIDUES AND CONTAMINANTS:</u>		
Benzo(a)pyrene (ppb)	Complies*	Max 2.0
Sum of benzo(a)pyrene, benz(a)anthracene benzo(b)fluoranthene and chrysene (PAH 4) (ppb)	Complies*	Max 10.0
<u>Aflatoxins:</u>		
Sum of Aflatoxins B + G (ppb)	Complies	Max 4.0
B1(ppb)	<0.1	Max 1.0
B2 (ppb)	<0.1	Max 1.0
G1 (ppb)	<0.1	Max 1.0
G2 (ppb)	<0.1	Max 1.0
<u>Heavy Metals:</u>		
Arsenic (ppm)	0.01	Max 0.2
Cadmium (ppm)	<0.001	Max 0.5
Lead (ppm)	0.01	Max 0.25
Mercury (ppm)	<.0005	Max 0.1
<u>MICROBIOLOGICAL:</u>		
Aerobic plate count (cfu/g)	<90	<1,000
Coliforms - 3 tube MPN	<3	<10
E.Coli (cfu/g)	<3	<3
Salmonella (/375g)	Negative	Negative
Staphylococci (cfu/g)	<10	<10
Yeasts and molds (cfu/g)	<10	<300
Enterobacteriaceae (cfu/g)	<10	<10

*Compliant results based on qualification testing.

ADDITIVES:
None

CERTIFICATION:
Certificate Kosher by the Union of Orthodox Jewish Congregations of America (OU)

RECOMMENDED STORAGE CONDITIONS:
Store at 65 °F to 80 °F

SHELF LIFE:
Minimum shelf life under recommended storage conditions: 3 years
Date of Manufacture: October 1, 2014 Date of Expiration: October 1, 2017

ORIGINATES FROM RAILCAR# SHPX 207457 BILL OF LADING# 314608