



Innovative Organic Ingredients

221 Vine Street
 Hudson, WI 54016 USA
 tel 715.386.1737
 fax 715.386.3277
 email info@ciranda.com
 www.ciranda.com

CERTIFICATE OF ANALYSIS

Product: Non-GMO Soy Lecithin Liquid - Lecico F 600 IPM
Product number 88025, 88026, 88043
Production date January 18, 2022
Shelf life 24 months from production date
Lot number 11-18-22-015
Country of Manufacture Netherlands

Attributes	Results	Range	Method
Acetone Insolubles (%)	65.6	≥ 60	AOCS Ja 4-46
Moisture (%)	0.6	≤ 1.5	AOCS Ja 2b-87
Toluene Insolubles	0.1	≤ 0.3	AOCS Ja 3-87
Acid Value (mg KOH/g)	25.8	≤ 35	AOCS Ja6-55
Peroxide Value (meq/kg)	1.4	≤ 10	AOCS Ja 8-87
Gardner Color at 50%	12.2	≤ 18	AOCS Ja 9-87
Viscosity at 25°C (Pas)	9.8	Not specified	Brookfield
Microbiological Attributes			
Total Plate Count (cfu/g)	<10	≤ 5000	EP 8.5, 2.6.12
Yeast & Mold (cfu/g)	<10	≤ 100	EP 8.5, 2.6.12
Total Coliforms (cfu/g)	<10	< 10	EP 8.5, 2.6.13
E.coli (cfu/g)	<10	<10	AOAC 991.14
Salmonella (per 375g)	Absent	Absent	AOAC 2011.03

 Jessica Berglund
 Q.A. Department, Ciranda

 February 21, 2022
 Date