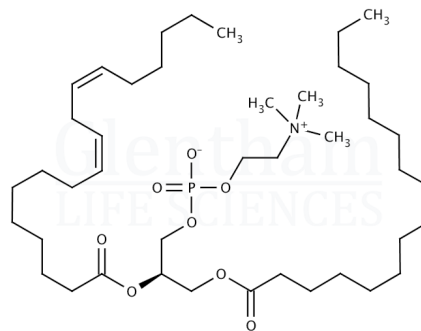


Certificate of Analysis

Product Name	Sunflower lecithin, liquid
Glentham Code	GE1230
CAS Number	8002-43-5
EINECS	232-307-2
MDL Number	MFCD00147406
Additional CAS	55128-59-1
Batch Number	783EQF
Molecular Weight	-
Molecular Formula	-
Storage Temp.	+20°C



Property	Specification	Batch 783EQF
Physical Description	Viscous brown liquid	Viscous, brown liquid
Acetone Insoluble Matter	≥ 60.0% (Phosphatides)	63.7%
Hexane Insoluble Matter	≤ 0.3%	≤ 0.1%
Acid Value	≤ 35mgKOH/g	27.4 mgKOH/g
Peroxide Value	≤ 5meq/kg	≤ 0.1 meq/kg
Water	≤ 1.0%	0.46%
Colour (Gardner)	≤ 15 (10% solution)	7
Viscosity	≤ 12,000cps (25°C)	85.26cps
Total Plate Count	≤ 3000CFU/g	≤ 100CFU/g
E. Coli	Negative in 1g	Absent
Yeast and Mould	≤ 100CFU/g	≤ 10cfu/g
Salmonella	Absent in 25g	Absent
Total Coliforms	≤ 10CFU/g	Conforms
Arsenic (As)	≤ 3ppm	Conforms
Lead (Pb)	≤ 2ppm	Conforms
Mercury (Hg)	≤ 1ppm	Conforms
Cadmium (Cd)	≤ 1ppm	Conforms

Specification Version	v1.0
Manufacture Date	2019-05-26
Re-Test Date	2028-09-02

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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