



GIIAVA (Singapore) Pte. Ltd.

# GIIOFINE – LF – SF

## Filtered Liquid Sunflower Lecithin

**Description:** Viscous brown liquid with phospholipids in oil

Chemical & Physical Analysis		
Phosphatides (as Acetone Insoluble, % w/w)	>60	AOCS-Ja-4-46
Moisture (% w/w)	<1.5	AOCS-Ja-26-87
Hexane Insoluble (% w/w)	<0.3	AOCS-Ja-3-87
Toluene Insoluble (% w/w)	<0.3	AOCS-Ja-3-87
Peroxide Value (meq/kg)	<5	AOCS-Ja-8-87
Acid Value (mg KOH/g)	<35	AOCS-Ja-6-55
Viscosity (cP @ 25°C)	<12,000	AOCS-Ja-11-87
Color (Gardner, 10% w/w in hexane)	<12	Scale: AOCS-Ja-9-87
Microbiological Analysis		
Total Plate Count (CFU/g)	<3000	ISO 4833:2003
Yeast (CFU/g)	<100	FDA BAM April 2001
Mould (CFU/g)	<100	FDA BAM April 2001
Enterobacteriaceae (detection in 1g)	Negative	FDA BAM April 2001
E-Coli (detection in 1g)	Negative	ISO 16649-2:2001
Salmonella (detection in 25g)	Negative	ISO 6579:2002
Genetic ID – Sunflower genes & free from soy	NA	NA
Heavy Metals Analysis		
Arsenic (ppm, w/w)	<3	ICP - AES
Lead (ppm, w/w)	<1	ICP - AES
Mercury (ppm, w/w)	<1	ICP - AES
Cadmium (ppm, w/w)	<1	ICP - AES
Total Heavy Metals (ppm, w/w)	<10	ICP - AES

Packaging & Storage	
<b>Storage Conditions:</b>	Cool, dry place out of direct sunlight; unopened in original packaging preferably below 25°C
<b>Shelf Life:</b>	24 months from the date of manufacture
<b>Packaging:</b>	200kg Drums or 1MT IBC or 20 MT in ISO

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