



GIIOFINE – LL – SF

Liquid Sunflower
Lecithin

Description

Viscous brown
liquid with
phospholipids in oil.

1. Chemical & Physical Analysis		
Parameters	Units	
Phosphatides (as Acetone Insoluble, % w/w)	>60	AOCS-Ja-4-46
Moisture (% w/w)	<1.5	AOCS-Ja-26-87
Peroxide Value (meq/kg)	<5	AOCS-Ja-8-87
Acid Value (mg KOH/g)	<35	AOCS-Ja-6-55
Viscosity (cP @ 25°C)	<14,000	AOCS-Ja-11-87
Colour (Gardner, 10% w/w in hexane)	<14	Scale: AOCS-Ja-9-87
2. Microbiological Analysis		
Total Plate Count (CFU/g)	<1000	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
3. 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
4. Packaging		
200kg Drums or 1MT IBC or 20 MT in ISO.		
5. Storage		
Cool, dry place out of direct sunlight; unopened in original packaging preferably below 25°C.		
6. Shelf Life		
18 months from the date of manufacture		