



GIIOFINE – UP - SF

High Purity De-oiled Sunflower Lecithin Powder.

Description:

Light brown or yellow powder with high concentration of phospholipids with no extraneous flavour.

| 1. Chemical & Physical Analysis | | |
|---|----------|--------------------|
| Parameters | Units | Testing Protocol |
| Phosphatides (as Acetone Insoluble, % w/w) | >97 | 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 |
| 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 | | |
| 25 kg metpet bag or 20 kg plastic bag in carton | | |
| 5. Storage | | |
| Cool, dry place out of direct sunlight; unopened in original packaging preferably below 25°C. | | |
| 6. Shelf Life | | |
| 24 months from the date of manufacture. | | |