PHOSPHOLIPID

Phosal® 50 SA+

- Phosphatidylcholine solubilized in a carrier system

- Phosphatidylcholine source for nutritional supplements

- Aid for the solubilization of lipophilic actives

Composition :
Lecithin in safflower (carthamus tinctorius) oil, glycerin, caprylic/capric triglycerides, alcohol, glyceryl stearate and ascorbyl palmitate

Applications :
- Production of emulsion systems for dermatology and cosmetics
- Dissolving agent for lipophilic substances.
- Phosphatidylcholine source for nutritional supplements, especially as filling mass for soft gelatine capsules.

*Characteristics ** :*

- Appearance	yellow to light brown liquid
- Viscosity	max. 5,000 mPas
- Identity	IR conforms to reference

Purity tests

- Acid value	max. 10
- Peroxide value	max. 10

Residual solvents

- Ethylmethylketone	max. 500 ppm

Assay

- Phosphatidylcholine	min. 50.0 % w/w
- Lysophosphatidylcholine	max. 6.0 % w/w
- Ethanol content	2-4 % w/w

Microbiological quality

- Total germs	max. 1000 germs g
- Fungi	max. 100 germs/g
- Enterobacteria and certain other gram neg. bacteria	absent in 1g
- Salmonella	absent in 1g

** Method descriptions are available on request :

Packaging :
200 kg drums
25 kg drums

Storage :
The product should be stored dry at temperatures between 15°C and 25°C. It should be used immediately after opening of the package.