

# AmiLife® Sunflower Hydrogenated Phosphatidylcholine (HSPC) 30% Powder

## PRODUCT APPLICATION | FUNCTION

**AmiLife® Sunflower Hydrogenated Phosphatidylcholine (HSPC) 30% Powder** is primarily used in the synthesis of liposomes. It is also utilized in the preparation of small unilamellar vesicles (SUVs). L- $\alpha$ -Phosphatidylcholine, hydrogenated (sunflower) is widely used in liposome generation, particularly for the reconstitution of complement-active human plasma and for the encapsulation of drugs such as bupivacaine and dexamethasone.

### PRODUCT PHYSICAL SPECIFICATION

| Parameter       | Specification               | Test Method  |
|-----------------|-----------------------------|--------------|
| Color           | White - Light Yellow        | AAPPL/SOP/02 |
| Consistency     | Powder, porous agglomerates | Visual       |
| Identity (TLC ) | Complies                    | TLC          |

### PRODUCT TYPICAL/CHEMICAL SPECIFICATION

| Parameter                               | Specification         |
|-----------------------------------------|-----------------------|
| Moisture /LOD                           | 3 % (Max)             |
| Peroxide Value                          | 5 Meqo2/Kg (Max)      |
| Acid Value                              | 30% Mg KOH /gms (Max) |
| Insoluble Impurities                    | 0.30 % Max            |
| Iodine Value                            | 3 % Max.              |
| Hydrogenated Phosphatidylcholine (HSPC) | 30 % Max.             |

### PRODUCT MICROBIOLOGICAL PARAMETERS

|                    |                  |
|--------------------|------------------|
| Total Plate count  | Max. 1000 cfu/g  |
| Salmonella         | Negative / 25 gm |
| E. Coli            | Absent cfu/g     |
| Enterobacteriaceae | <10 cfu/g        |
| Coliforms          | <10 cfu/g        |
| Yeast &Mould       | Max. 100 cfu/g   |

## SHELF LIFE

Minimum shelf life of 24 months from the date of manufacture when stored in its unopened original packing at a temperature of 2-4°C for optimal shelf life.

## PACKING

Packing sizes of 1 Kg, 5 Kg, and 10 Kg. It is packed with an inner LDPE liner and an outer aluminum foil. The packing is placed in a suitable container with dry ice.

#### Regd. Office :

401 A wing Eureka Tower, Mindspace behind,  
Toyota Showroom, New Link Road,Malad (W),  
Mumbai-400064, India

#### Corporate Office :

815, Shekhar Central, Plot no. 4 & 5,Manoramaganj,  
A.B. Road,Indore (MP) 452001,India.

#### Factory :

185/1, 192/3, A.B. Road Near Agalgaon Fata,Village: Jul-  
wania,Tal Rajpur, Dist- Barwani- (M.P),451449, India.