

LECITHIN FILTRATION



APPLICATION OF LECITHIN

1. Food additive
2. Dietary supplement
3. Compatibility with special diets etc.



OBJECTIVE

To establish an effective filtration step required for removal of hexane insoluble impurities from Lecithin.

PRODUCT DETAILS

- Lecithin is a mixture of phospholipids in oil.
- It has low solubility in water.
- It is obtained by degumming the extracted oil of the seeds.
- Hexane insoluble present in inlet 0.6-0.8% and required up to less than 0.1% in outlet of filter.

RESULT

Using MICROFILT system, 'hexane insoluble' impurity get decreased up to the acceptable limit.

STRATEGY ADOPTED

1. MAS followed by bag filter was used for highly viscous, sticky liquid.

MODEL	FLOW RATE (ton/hrs)
MAS 540	1
MAS 801	2.5
MAS 1602	5



CUSTOMER DELIGHT

1. Reduced the hexane insoluble content value added.

2. Better price realization in international market.

MICROFILT INDIA PVT LTD.

247/2, GIDC Phase II, Umbergaon
Dist. Valsad Gujarat-396171
(0260)2561392 EXT:34

E mail:-marketing@microfiltindia.com