PRINCIPAL APPLICATIONS

It applied in manufacturing of 7ACA, 6APA, 7ADCA and amino acid. The enzyme immobilization method solved the environmental problem caused by chemical method and greatly decreased the production cost of 7-ACA.

ADVANTAGES

- Larger pore volume, higher specific surface area
- More enzymes attached
- Higher enzyme activity as compared
- Longer life cycles due to better mechanical strength
- Good cost performance between price and quality

Compared with liquid enzyme, immobilized enzyme has some advantages when it is used for enzyme catalysis. For example, it is easy to be separated, possible to be utilized circularly, easy to control the reaction, enzyme concentration can be increased in reaction zone. Immobilized enzyme is widely applied in industries like biopharmaceutical and food processing. Enzyme carriers are the most important matrix to fix enzyme.

REGULATORY APPROVALS

ISO9000 & 14001 & 18001

WQA & FDA

Kosher Certified
TYPICAL PACKAGING

1 ft³ Sack

25 L Sack

5 ft³ Drum (Fiber)

1 m³ Supersack

42 ft³ Supersack