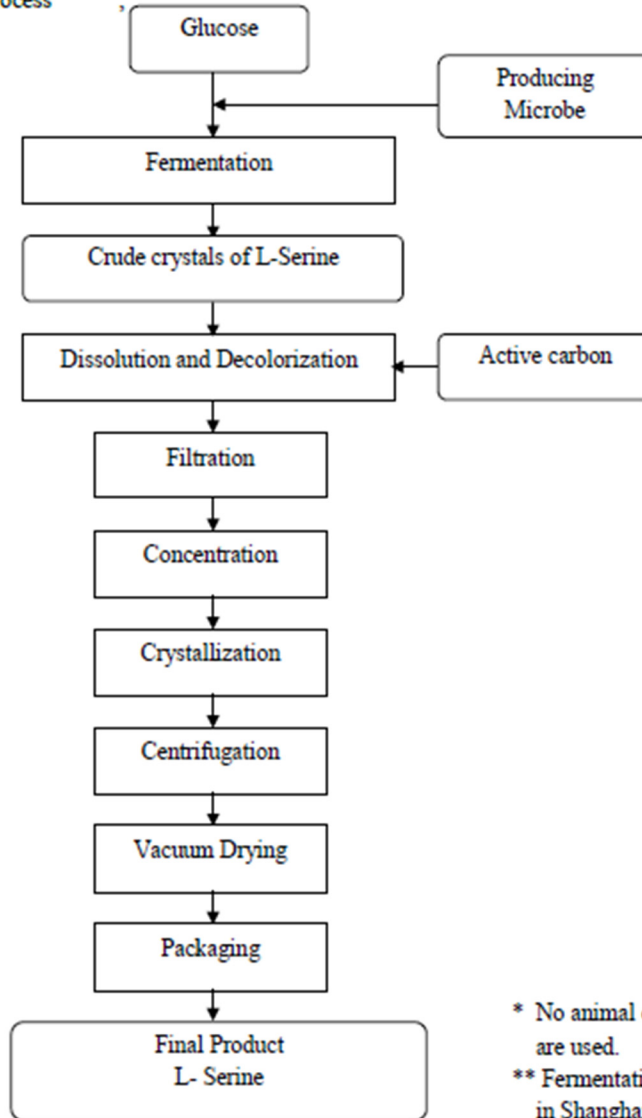


Manufacturing Process Flowchart L-Serine, FCC (Cat# S1021)

Manufacturing Process

Product Name : L-Serine
Manufacturing method : Fermentation, Purification
Manufacturing process :



* No animal origin materials are used.
** Fermentation is not conducted in Shanghai Kyowa.

CORPORATE HEADQUARTERS

769 Jersey Avenue
New Brunswick, NJ 08901
PHONE 732.214.1300
FAX 732.246.7132

WEST COAST FACILITY

14422 South San Pedro Street
Gardena, California 90248
PHONE 310.516.8000
FAX 310.516.9843