

Abstract

A process produces an L-Lysine feed supplement with a final L-Lysine purity in the range theoretically between about 35% and 80%, measured as a percent of freebase per kg, and more preferably between about 50% and 80% L-Lysine. The process comprises adding a material containing L-Lysine to an L-Lysine fermentation broth or a fraction of an L-Lysine fermentation broth. The added material being an amount which brings a final L-Lysine feed supplement with an L-Lysine purity into a range theoretically between about 35% and 80%, measured as a percent of freebase per kg, and more preferably between about 50% and 80% L-Lysine. The fraction of L-Lysine fermentation broth is obtained by any suitable separating means such as ultrafiltration or centrifugation. The process also comprises a drying step that may involve any suitable drying means such as a spray granulator, spray dryer, tray dryer, drum dryer, rotary dryer, and tunnel dryer.

