

ABSTRACT

A method of producing L-glutamic acid includes providing a culture medium including 1 to 6 g/L of yeast extract, culturing a L-glutamic acid producing coryneform bacterium in the culture medium, and increasing an amount of the produced L-glutamic acid in the culture medium by adding yeast extract. The L-glutamic acid producing coryneform bacterium includes an acetyl-CoA production cycle obtained by imparting at least one type of enzymatic activity selected from the group consisting of malate thiokinase, malyl-CoA lyase, glyoxylate carboligase, and 2-hydroxy-3-oxopropionate reductase, to the L-glutamic acid producing coryneform bacterium.

[Fig.1]