

Abstract

Process for obtaining methionine

The invention relates to a method for crystallizing D,L-methionine from aqueous solutions and/or suspensions containing D,L-methionine and D,L-methionine ammonium salts, having a Met content of 70 – 180 g/kg, an NH_4^+ content of 1 – 5 g/kg, in the presence of a crystallization additive, which comprises a nonionic or anionic surfactant or a mixture of various nonionic or anionic surfactants, in which the temperature of the solution and/or suspension is lowered directly or stepwise from $T_1 = 85 - 110^\circ\text{C}$ to $T_2 = 30 - 50^\circ\text{C}$, so that D,L-methionine precipitates as a solid.

(No drawing to be published)