

Method for producing and purifying 3-aminopropanol

Abstract

- 5 The present invention relates to a process for purifying a reaction output which comprises 3-aminopropanol and is obtained in the reaction of ethylene cyanohydrin with hydrogen in the presence of ammonia, which comprises distilling the reaction output comprising 3-aminopropanol in two or more stages, the ammonia content of the reaction output comprising 3-aminopropanol before introduction into the first distillation stage being 1% by weight or less and
- 10 the temperature in the distillation stages being not more than 135°C.
- The invention further relates to a process for preparing 3-aminopropanol by reacting ethylene cyanohydrin with hydrogen in the presence of ammonia, which comprises performing the purification of the reaction output comprising 3-aminopropanol in accordance with the invention.
- The present invention further provides a process for preparing 3-aminopropanol derivatives,
- 15 especially panthenol, acambrosate, mefenorex, domperidon, ifosamid or urapidil, from 3-aminopropanol prepared in accordance with the invention.

No suitable figure