

Invention relates to the chemical industry, specifically to technology for obtaining chloride-free potassium-calcium fertilizer based on natural raw materials. Method includes mixing a solution of potassium-sodium salts with sodium sulfate, potassium chloride, and gypsum; stirring suspension at a temperature of 15-35 °C for 120-240 minutes; allowing suspension to settle for 10-30 minutes; decanting suspension, filtering precipitate, and subsequently drying it.