

Barium Carbonate extraction from Alkanolamine solution by passing LFG

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In this study Barium salts in form of Barium Sulfate and Barium chloride are added to different weight percent MEA solution. When LFG is passed through the alkanolamine solution precipitation in form of Barium Carbonate takes place. This helps in increasing the CO₂ loading of the alkanolamine solution and obtain large amount of useful metal carbonates. It's a very economical method and different parameters are calculated and displayed in the experimental section. State of art experiment techniques are used to generate the data. Extremely pure metal carbonate salts are obtained in this study.