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Synthesis of Low Sodium Salt from different Bittern, Salt and Brine Samples of various Salt-Pans of Kanyakumari District

S. Betsy Bai¹ and C. Vaithyanathan¹

¹Department of chemistry and research centre, ST. Hindu College, Nagercoil-629002,
Kanyakumari district, Tamilnadu, India
Phone nos: 9442029889, 6383742203

Abstract : In kanyakumari district, different salt-pans produce large quantities of common salt which are generally produced by using different types of brine samples. These common salt samples, the brine used for salt making and the bittern samples being let out as waste are being utilized for the generation of low sodium salt samples by adopting different methods. The formed low sodium salt samples were analyzed for the presence of different ionic composition. The production cost for the various low sodium salt samples by different methods were correlated with that of the samples available in the market.

Key Words : common salt, brine, bittern, low sodium salt, ionic composition

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