



ChemTech

## International Journal of ChemTech Research

CODEN(USA): IJCRGG, ISSN: 0974-4290, ISSN(Online):2455-9555

Vol.15 No.01, pp 50-55, 2022

### Synthesis of Fortified Salts of Medicinal importance from various common Salt samples of different Salt-Pans of Kanyakumari district, India

S.Betsy Bai<sup>1\*</sup> and C.Vaithyanathan<sup>1</sup>

<sup>1</sup>Department of Chemistry and Research Centre, S.T.Hindu College, Nagercoil - 629002, Kanyakumari District, Tamilnadu, India

Phone Numbers : 94420 29889, 63837 42203

**Abstract :** In Kanyakumari district, different sources of brine are used for the production of common salt. It is generally produced by the solar evaporation of different brines like sea brine, underground brine and even back waters. The evaporation process of solar salt is classified into different stages and the very pure common salt sample is crystallized around 25° Be. Once the crystals formed are separated, the mother liquor i.e bittern is let-out into nearby aquatic environment. The different salt samples collected from various salt – pans are used for the fortification of various nutrients. Different medicinally important plants like Moringa, Spinach and Curry leaves were used for the fortification.

**Key-words :** common salt, fortification, nutrients.

S.Betsy Bai et al//International Journal of ChemTech Research, 2022,15(1):50-55.

DOI= <http://dx.doi.org/10.20902/IJCTR.2022.150106>

\*\*\*\*\*