

Material Balance of Obtaining Cooking Salt in the Salt Works in Ulqin

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Abstract: The paper examines made surveyed for the balance of material at cooking salt in the saltworks of Ulqin. In order to obtain salt, this salt works uses of brine which is created by the evaporation of sea water which were previously filled basins constructed for this purpose. In this case brine concentration reaches up to 25% of cooking salt. To calculate the material balance of the acquisition of cooking salt is used analytical methods. Based on the obtained results from calculations made for the acquisition of material balance of cooking salt, dill when the concentration is 25% cooking salt, it follows that the acquisition of 12,500 kg/h tablespoon salt needed 49 975 kg/h flow of brine. Therefore, based on the concentration of dill and salt technology that it uses, results obtained for the acquisition of material balance of salt cooking show for a profitable work of the factory.

Key words: *material balance, cooking salt, salt works, evaporation.*

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