

Removal of Arsenite from Arsenic Contaminated Water using Calcium Oxide and Hydroxide

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In some areas of developing countries, health damage caused by arsenic contained in groundwater used as drinking water has been a serious problem. In order to utilize the ground water as safe drinking water without health risk, it is necessary to remove the arsenic. We have studied on arsenic removal focusing on arsenate which is pentavalent arsenic. The object of this study is arsenite which is trivalent arsenic and more toxic than arsenate. The removal tests for arsenite from arsenic contaminated water were carried out using calcium oxide and hydroxide and the results would be reported.

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