

**Measuring Concentration For Some Ions In
Drink And River Water In
AL-muthana AndAL-basrah Cities Between
December 2003 TO April 2004**

K.K. Jasim, K.M. Holu and J.M. Shamar*

**Department of Chemistry, College of Science Al-
Muthana, University of Kadiseya**

***Department of Chemistry, College of Education ,Ibn
Al-Haitham, University of Baghdad**

Abstract

This study is concerned measuring the concentration of some ions like calcium, sodium, potassium, chlor, lithium, carbonate and bicarbonate in drinking and river water in Al-Muthana and Al-Basrah cities.

These ions usually are found in normal water. When we take different samples from different regions on the Euphrates river in Al-Muthana and Al-Basrah cities we found that the drinking water in Al-Basrah contains a high percent from those ions. The low percent from those ions found in Arab river as compared with Euphrates river. This study includes determination of pH value, oxygen and carbon dioxide pressure for all samples.