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Measure And Compare The Chemical And Physical Properties For Cement In The Laboratory Of Najaf And Kufa

Suaad Abdel-Mahdi Abd- Nour*and Fatima Allawi Abdul sejad

College of Pharmacy, College of Science, Kufa University Najaf, **IRAQ**

Email: Suaad.toobi@uokufa.edu.iq

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ABSTRACT

The cement industry depend on the availability of raw materials - limestone and clay .It contain different ratios of CaO , Fe_2O_3 , Al_2O_3 , SiO_2 and impurities like P_2O_5 , MgO , SO_3 , chlorides, alkalis etc. Present study deals with the measurement of physical and chemical properties of the cement produced in the Kufa and Najaf cement factories. We determined the measurement of elements and compounds ratios in cement before and after the manufacturing, % Water , Res180, Res90, LSF, L.O.I, etc., in our quality control laboratories.

Keywords: Cement Industry, Measurement of physico- chemical properties, comparison.
