



**Sudan University of Science and Technology**

**College of graduate studies**



# **Laser Induce Fluorescence Spectra Analysis of Glucose in Human Blood Plasma**

**تحليل أطياف الفلورة المنتجة بالليزر للجلوكوز في بلازما الدم  
البشري**

**A Dissertation submitted in partial fulfillment for the requirements  
of M.Sc In General Physics**

**By:**

**Ryan Elfatih Mohamed sedig**

**Supervisor:**

**Dr Ali Abdel Rahman Saeed Marouf**

**July 2018**