

Module 7 – Perform Comparative Analysis using UV/VIS Spectrophotometer & ICP-Optical Emission Spectrometer

Course Introduction	The Certificate of Performance in Comparative analysis for iron by UV/Visible Spectrophotometer and Inductively Coupled Plasma - Optical Emission Spectrophotometer (ICP-OES) aims to equip participants with the knowledge and skills that is critical for those using UV/ Vis Spectrophotometer or ICP-OES as an analytical tool in an accredited laboratory that conform to SAC-SINGLAS requirements.
Course Objective	The primary emphasis for this laboratory session shall be on <ul style="list-style-type: none">• Laboratory safety,• Preparation of sample,• Perform quantitative comparative analysis of Iron via the use of UV/Vis Spectrophotometer and ICP-OES,• Data handling, analysis and reporting.
Course Outline	Topics shall include <ul style="list-style-type: none">• Understanding of working principles behind quantitative comparative analysis and• Performing quantitative comparative analysis of Iron via the use of UV/ Vis Spectrophotometer and ICP-OES.