

1. Gas Chromatography.
2. Fourier Transform Infrared spectrometer.
3. UV-1100 spectrophotometer.
4. HPLC.
5. Biological Microscope.
6. Octane No. meter.
7. Centrifuge systems.
8. Conductivity meter.
9. pH-meter.
10. Chemical Oxygen Demand COD.
11. Petroleum Products water Content.
12. Cleveland Open cup.
13. Electric Strength of Insulating Oil.
14. Biological Oxygen Demand BOD.



1. X – Ray diffract meter.
2. Silver in petroleum products.
3. Atomic absorption spectrophotometer.



وزارة التعليم العالي والبحث العلمي

وزارة التعليم العالي والبحث العلمي

الجامعة التكنولوجية
قسم الهندسة الكيميائية



النشرة التعريفية لنشاط المختبر الخيمي التحليل الآلي والتحاليل الكيميائية والفيزيائية والبيولوجية

في قسم الهندسة الكيميائية

2012-2013

Type of Test	Price I.D	
Determination of total hardness in water.	20000	
Determination of Ca^{+2} and Mg^{+2} in water.	20000	
Titrometric determination of chlorides.	20000	
Determination of sulfates in water.	40000	
Determination of total acidity and alkalinity in water.	35000	
Determination of fat and oil in water.	40000	
Determination of chemical and biological oxygen demand. "COD" and "BOD"	20000	"BOD" "COD"
Conductivity for water.	20000	
Quantitative and Qualitative analysis by Gas Chromatograph.	40000	()
(Determination of total solid in water).	20000	(T.S.).
Determination of total dissolved solid in water	20000	(T.D.S.).
Determination of total suspended solid in water	20000	(T.S.S.).
Quantitative and Qualitative analysis by FTIR	35000	
Analysis by UV-Spectrophotometer.	35000	
Determination electric strength of insulation oil.	30000	
Density and Specific gravity for petroleum product and paints.	15000	
Determination of flash point by Cleveland Open Cup.	30000	()
Determination of water content in petroleum products.	30000	
Dynamic and Kinematics Viscosity and Viscosity Index for petroleum products.	30000	
Determination of pour point.	20000	
Determination of Sediments for petroleum products.	30000	
Determination total acidity for petroleum products.	35000	
Standard distillation.	30000	()
Determination melting point for solids.	30000	
Determination Drying time for paints.	15000	2012/11/01
Test Color for oils and paints.	10000	