

## Chemical Analysis Laboratories Prices in CEES

### Chemical Analyzes Prices (Organic compounds Elements)

#	Analysis type	Device	Price(SR)
1	<p style="text-align: center;">Elements</p> <p>SET1:A1,Mg, Zn, K, Na, Fe, Ca, Ni, B, Ba, Cr, Cu, Li, Ag, Cd, Mg, Sr, Co, Pb</p> <p>SET2: V, P, As, Si, Mo, S</p> <p>SET3: Be, Sb, Se, Sn, Ti</p> <p>Set4: Hg</p> <p>Heavy Metals(up to 3 elements) Any additional element will added to the price of 10 SAR/Sample</p>	<p style="text-align: center;">Inductively Coupled Plasma</p> <p style="text-align: center;">(ICP-AES) Atomic Emission Spectroscopy , without dizestion</p>	<p>SET1: 250</p> <p>SET2:120</p> <p>SET3:110</p> <p>SET4: 90</p> <p>TOTAL=570</p>
2	Anions / Cations	Ion Chromatograph (IC)	150
3	Quantitative Qualitative Analysis of *** (PAHs)	Gas chromatography–mass spectrometry (GC-MS)	400
4	Qualitative Analysis of *** (PAHs)	HPLC	200
5	Liquid samples	UV– Visible (nm 1199-109)	30
6	Functional groups of organic	FTIR	80
7	Liquid samples for TOC	TOC	100
8	Total Nitrogen	Kjeltec 8400/ Kjeltec sampler 8420 Auto Distillation Unit	200
9	Elemental Analysis	TXRF	400
10	Optical Characterization of Solid	Diffuse Reflectance Spectrophotometer	300
11	Surface Hydrophobicity	(Drop shape Analyzer (DSA30S))	100
12	Chemical analysis of water samples***	Titrimetric Method	300

## Chemical Analysis Laboratories Prices in CEES

### Microbiology Laboratory prices "Microbiology"

#	Analysis type	Device	Price(SR)
13	Bacterial Cell Count	Plate count	200
14	Total Coliform	MPN protocol	200
15	Fecal coliform	MPN protocol Autoclave, Inoculation chamber, Incubator	200
16	E. Coli	MPN protocol	200
17	Algae identification	Microscope	100
18	Isolation of Bacterial DNA (Environmental samples- water and soil)	Qiagen kit	150
19	Amplification of Bacterial DNA- PCR	PCR Machine	200
20	Purification of PCR product	Qiagen kit	150
21	Gel Electrophoresis and documentation of PCR product	Gel documentation unit	100
22	Biochemical Oxygen Demand (BoD)	3Day BOD test APHA 2005	200
23	Chemical oxygen Demand (CoD)	Closed Reflux, Titrimetric	200
24	OD of growing cell culture	Colorimeter	100
25	Algae Quantification	Microscope	250
26	Fungal identification	Specific Medium+ Microscope	200
27	Microbial analysis of Air quality***	Plate count	100

## Chemical Analysis Laboratories Prices in CEES

### Analyzes of the physical properties prices

#	Analysis type	Device	Price(SR)
28	pH	pH-meter	20
29	Electrical Conductivity	Conductivity meter	20
30	Total Dissolved Solid (TDS)	TDS meter	20
31	Salinity	Salinity meter	20
32	Dissolved Oxygen	DO meter	20
33	Humidity	Oven	20

### Analyzes of the Air quality prices

#	Analysis type	Device	Price(SR)
34	PM (TSP, PM2.5, PM10)		
35	Dioxin &Furan		
36	GASES : SOx NOX O3 CO VOCs H2S THC		
37	Ventilation (in door)		
38	Meteorological Parameters (Temp, RH, Wind speed, Wind direction, AP)		

## Chemical Analysis Laboratories Prices in CEES

### Analyzes of the Noises prices

#	Analysis type	Device	Price(SR)
39	Industrial noise: indoor noise survey/ at the source (Laeq, Lamax)		
40	Community noise: outdoor noise survey/day and night- (Ldn, L90,L10,L50)		
41	Exposure to noise: noise dose/noise exposure level (%Lex) entire shift period		
42	Room acoustics (2 parameter-basic measurement)		
43	Room acoustics (3 parameter-advanced measurement)		
44	Room acoustics (4 parameter based on room type and use)		

Visiting charge-Sample Details- Collection of samples at KAU – 100SR

Visit Charge – Outside KAU in Jeddah – 200 SR (Transport not included)

- If the sample needs digestion, the costs of digesting the sample (500) five hundred riyals and if you samples more than (5) becomes digestion (300) three hundred riyals per sample.
- PAHs currently measurable are:  
(Phenanthrene, anthracene, pyrene, fluorine, pyrene, benzo (e) pyrene, Benzo (k) fluoranthene)
- \*\*\* for one analysis each analysis
- \*\*\*\* For one room (indoor), outdoor based on samples
- In case the client wishes to extract the environmental license from the General Authority for Meteorology and Environmental Protection, the value of the reports and procedures will be included in the amount of 50,000 SR.

**Note:**

University employees are given a 20% discount on the above rates.

Postgraduate students are given a 30% discount on the above rates.