

QU-CLU Services Price List

Test Name and Equipment		External Customer	QU External / Internal Grants and Departments
Atomic Spectroscopy	Equipment	QAR	QAR
Analysis of Inorganic Elements (1-8 Elements in one aqueous sample)	ICPMS Nexlon 300d, ICPOES Optima 7300 DV	650	390
Analysis of Inorganic Elements (9-16 Elements in aqueous sample)	ICPMS Nexlon 300d, ICPOES Optima 7300 DV	936	561
Analysis of Inorganic Elements (1-8 Elements in one Solid Sample)	ICPMS Nexlon 300d, ICPOES Optima 7300 DV	780	468
Analysis of Inorganic Elements (9-16 Elements in one Solid Sample)	ICPMS Nexlon 300d, ICPOES Optima 7300 DV	1014	608
Isotopic Analysis and Isotopic Ratios	ICPMS Nexlon 300d, PerkinElmer	780	468
Solid Samples Digestion Including Biological Samples	Mars 6, Microwave Digestion system	250	150
Molecular Spectroscopy	Equipment	QAR	QAR
Sample Characterization Using FTIR	Spectrum 400 - PerkinElmer	300	180
TPH Determination Using FTIR	Spectrum 400 - PerkinElmer	598	358
Sample Characterization Using Raman	DXR Raman Microscopy - ThermoFisher	300	180
Sample Characterization Using UV/VIS	Lambda 25 - PerkinElmer	260	156
Determination of (5-HMF) content in the Honey Bee samples	Lambda 25 - PerkinElmer	300	180
Nuclear Magnetic Resonance	Equipment	QAR	QAR
Sample Characterization Using NMR (1D)	NMR 600MHz - Joel	650	390
Sample Characterization Using NMR (2D)	NMR 600MHz - Joel	910	546
Sample Characterization Using At Different Temperatures	NMR 600MHz - Joel	2340	1404
Thermal Analysis	Equipment	QAR	QAR
Thermal Gravimetric Analysis (TGA) for Materials	Pyris 6 TGA - PerkinElmer	300	180

Central Laboratories Unit

Differential Scanning Calorimetry (DSC) for Materials	Jade DSC- PerkinElmer	300	180
Thermal Gravimetric Analysis – Mass (TGA-MS) for Materials	SDTQ 600 - TA	350	210
Elemental Analysis (CHNS/O) & Total Carbon	Flash 2000 & CN Soil - ThermoFisher	350	210
Total Organic Carbon and Total Nitrogen TOC/TON	TOC/TN Analyzer - Skalar	350	210

Wet Analysis Including Electrical Conductivity, pH and TDS	Regular Equipment	150	150
Chromatography	Equipment	QAR	QAR
BETX analysis using GC/FID	PerkinElmer GC/FID Clarus 680	780	468
Ethanol and Methanol (Halal Food)	PerkinElmer GC/FID Clarus 680	400	240
Toxins confirmation in liquids using UPLC, LCMSMS	Agilent 1290 LC 6460 T Quad	650	390
Polyphenolic in plant extract using LCMSMS	Agilent 1290 LC 6460 T Quad	390	234
Aflatoxin	Agilent 1290 LC 6460 T Quad	450	270
Mycotoxins	Agilent 1290 LC 6460 T Quad	450	270
Anions and Cations in soft water using Ion Chromatography	Metrohm 850 Ion Chromatography (IC)	390	234
Pesticides	Agilent 6890N-5975 inert MS detector	500	300
Essential oils	Agilent 6890N-5975 inert MS detector	500	300
Phytosterols	Agilent 6890N-5975 inert MS detector	500	300
SVOCs in solids and liquids by GC/MS	Agilent 6890N-5975 inert MS detector	500	300
Fatty acid methyl / Ester (FAME) by GC/MS	Agilent 6890N-5975 inert MS detector	500	300
Phenolic Acids	UPLC Waters Acquity – Water	390	234
Organic Acids	UPLC Waters Acquity – Water	390	234
Artificial food coloring	UPLC Waters Acquity – Water	390	234
Artificial food additives	UPLC Waters Acquity – Water	390	234
Honey (Hydroxymethylfurfural)	UPLC Waters Acquity – Water	390	234

Vitamins determination using UPLC	UPLC Waters Acquity – Water	390	234
Artificial Antioxidant (PG, BHA, BHT, TBHQ)	UPLC Waters Acquity – Water	390	234
Determination of (5-HMF) content in the Honey Bee samples	UPLC Waters Acquity – Water	450	270
Medicines	UPLC Waters Acquity – Water	700	420
Electron Microscopy	Equipment	QAR	QAR
Image Analysis by SEM	Nova Nano SEM 450 - FEI	884	530
Semi quantitative Microanalysis of Elements by SEM-EDX	Nova Nano SEM 450 - FEI	975	585
Sample Processing, Section Cutting and Toluidine Staining	RMC - ULTRACUT	715	429
Sample Processing, Cutting, Staining and TEM Analysis	FEI - TF20 G2	2301	1380
TEM Imaging of Prepared Samples	FEI - TF20 G3	1560	800
Liquid Nitrogen	Equipment	QAR/L	QAR/L
Liquid Nitrogen providing	Noblegen Cryogenics LNG2	15	15
Training Programs	Duration / Day	QAR/ External Trainee	
Chromatographic Techniques: Fundamentals, Instrumentation and Applications.	05	400	
Nuclear Magnetic Resonance (NMR): Basic Theory, Spectral Analysis, and Industrial Applications.			
Atomic and Molecular Spectroscopy: Fundamentals, Instrumentations and Techniques.			
Electron Microscope (SEM-EDS and TEM): Basics, Sample Preparation and Applications.			

Note:

- QU student projects are exempted from analysis fees (BSc, MSc and PhD projects)
- QU External / Internal Grants and QU Departments price list was discounted by 40% than the external customers
- Samples for internal/external funded grants shall be charged according to the above list
- Samples for the departments staff shall be charged according to the above list
- In the context of community service, the QU-CLU director can exempt not more than three samples from analysis fees (Example: Local Schools, Forensic Lab.)
 - For technical services contracts, these will be handled as external customers
- All customers must be fill, sign electronically the QU-CLU Analysis Request Form, and send it by email to clu@qu.edu.qa for Technical Services Quotation. □
The QU-CLU Analysis Request Form is available via: <http://www.qu.edu.qa/research/clu/Make-Request> □ The Technical Services Quotation shall be approve by the QU-CLU director.
- The approved Technical Services Quotation must be send to the customer.
- All customers must be sign and stamp the Technical Services Quotation and resent it by email to clu@qu.edu.qa and rcservicebilling@qu.edu.qa