

# DSS

جابتن فرخدمتن ساءینتیفیک

DEPARTMENT OF SCIENTIFIC SERVICES

## SCHEME OF CHARGES

2022

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# ADMINISTRATION AND FINANCE SECTION

# ADM

TEST/ SERVICE CODE	SERVICES/ TEST DESCRIPTION	CHARGES
CDSS-001	Issuance of Certified True Copy of Analyst Certificate / Calibration Certificate	\$50
CDSS-002	Issuance of Certified True Copy of Analyst Certificate (descriptive)	\$150
CDSS-003	Issuance of additional illustrations	\$50 (per A4 size), \$100 (per A3 size)
CDSS-004	Reproduction of other categories of documents	\$5000 per case
CDSS-005	On-site document review	\$200 per hour (3 hours max.)
CDSS-006	Court attendance	\$150 per half day
CDSS-007	Sampling containers	\$10

# ENVIRONMENT SECTION

# ENV

TEST/ SERVICE CODE	SERVICES/ TEST DESCRIPTION	CHARGES
WATER QUALITY		
CENV-A001	pH	\$20
CENV-A002	Chlorine free	\$10
CENV-A003	Chlorine Total	\$10
CENV-A004	Chloramine	\$10
CENV-A005	Alkalinity	\$10
CENV-A006	Bromine	\$20
CENV-A007	Colour	\$10
CENV-A008	Ammonia	\$20
CENV-A009	Hardness	\$10
CENV-A010	Conductivity	\$15
CENV-A011	Sulphide (S <sup>2-</sup> )	\$10
CENV-A012	Silica	\$10
CENV-A013	Turbidity (water)	\$10
CENV-A014	Total Suspended Solid (TSS)	\$20
CENV-A015	Total dissolved solid	\$20
CENV-A016	Total solid	\$20

# ENVIRONMENT SECTION

# ENV

TEST/ SERVICE CODE	SERVICES/ TEST DESCRIPTION	CHARGES
<b>ANIONS</b>		
CENV-B001	Anions sample preparation: Water Samples	\$30
CENV-B002	Anions sample preparation: sea water	\$50
CENV-B003	Anions sample preparation: solid sample	\$50
CENV-B004	Anions, per sample per anion	\$10
<b>TRACE ELEMENTS &amp; HEAVY METALS</b>		
CENV-C001	Trace elements sample preparation: water sample	\$30
CENV-C002	Trace elements sample preparation: sea water	\$50
CENV-C003	Trace elements sample preparation: solid sample	\$50
CENV-C004	Trace elements, per sample per element, by ICP MS	\$20
CENV-C005	Trace elements, per sample per element, by ICP OES	\$20
CENV-C006	Trace elements, per sample per element, by AAS	\$30
CENV-C007	Mercury using Mercury Analyser	\$30
<b>ORGANICS</b>		
CENV-D001	Pesticides - by GC-MS / LC-MS / LC-MSMS	\$200
CENV-D002	Oil and grease	\$40
CENV-D003	Total Organic Carbon (TOC)	\$30
CENV-D004	PAHs	\$200
CENV-D005	PCBs	\$150
CENV-D006	Hydrocarbons	\$100
CENV-D007	BETX	\$100
<b>OTHERS</b>		
CENV-E001	Others	\$50

# FOOD CHEMISTRY SECTION

# FDS

TEST/ SERVICE CODE	SERVICES/ TEST DESCRIPTION	CHARGES
<b>ADDITIVES</b>		
CFDS-A001	Anions & Cations by IC, per element	\$15
CFDS-A002	Anions & Cations by IC, per element - with sample preparation	\$30
CFDS-A003	Artificial sweeteners, per compound	\$30
CFDS-A004	Non-permitted food colours, per colour	\$120
CFDS-A005	Permitted food colours, per colour	\$20
CFDS-A006	Preservatives, per compound	\$50
<b>CONTAMINANTS</b>		
CFDS-C001	Benzene in soft drinks	\$100
CFDS-C002	Biotoxins, per toxin	\$120
CFDS-C003	Chlorine in drinking water	\$10
CFDS-C004	Melamine & Cyanuric acid	\$150
CFDS-C005	Melamine, Cyanuric acid, ammeline & ammelide	\$200
CFDS-C006	PCBs	\$130
CFDS-C007	Phthalates	\$300
CFDS-C008	Steroids, per adulterant	\$120
CFDS-C009	Slimming agent, per adulterant	\$120

# FOOD CHEMISTRY SECTION

# FDS

TEST/ SERVICE CODE	SERVICES/ TEST DESCRIPTION	CHARGES
<b>HALAL / AUTHENTICATION</b>		
CFDS-HA001	Alcohol content, per alcohol	\$50
CFDS-HA002	Carminic Acid	\$50
CFDS-HA003	DNA speciation - by Molecular Biology	\$250
CFDS-HA004	Pig bristle identification	\$50
CFDS-HA005	Pig skin identification	\$70
CFDS-HA006	Protein speciation - by Immunoassay	\$200
<b>NUTRITION / COMPOSITION</b>		
CFDS-NC001	Basic Nutritional Analysis Package:- - Moisture - Total Ash - Total Fat - Nitrogen / Protein - Carbohydrate by calculation - Energy by calculation	\$100
CFDS-NC002	Moisture	\$10
CFDS-NC003	Total Ash	\$10
CFDS-NC004	Total Fat	\$30
CFDS-NC005	Nitrogen (Protein)	\$50
CFDS-NC006	Carbohydrate - by calculation	\$100
CFDS-NC007	Energy - by calculation	\$100
CFDS-NC008	Total Dietary Fibre	\$50
CFDS-NC009	Micro-Nutrients, per micro-nutrient	\$60
CFDS-NC010	Caffeine	\$30
CFDS-NC011	Total Sugar Content (HPLC)	\$60
CFDS-NC012	pH	\$20
CFDS-NC013	Total Soluble Solids (°Brix)	\$20
CFDS-NC014	Water activity	\$20
CFDS-NC015	Acidity	\$10
CFDS-NC016	Net weight	\$10
CFDS-NC017	Net volume	\$10
CFDS-NC018	Fatty acids	\$250
CFDS-NC019	Cholesterol	\$120
CFDS-NC020	Milk fat	\$30

# FOOD CHEMISTRY SECTION

# FDS

TEST/ SERVICE CODE	SERVICES/ TEST DESCRIPTION	CHARGES
<b>RESIDUES</b>		
CFDS-R001	Drug residues (Antibiotics), per compound	\$120
CFDS-R002	Multiresidue pesticides screening - by LCMS	\$100
CFDS-R003	Pesticide residues, per compound	\$50
CFDS-R004	Pesticide residues, per group	\$120
<b>OTHERS</b>		
CFDS-O001	Heavy Metals and Trace elements, per element - by AAS	\$30
CFDS-O002	Heavy Metals and Trace elements, per element - by AAS with digestion	\$50
CFDS-O003	Heavy Metals and Trace elements, per element - by ICP	\$10
CFDS-O004	Heavy Metals and Trace elements, per element - by ICP with digestion	\$50
CFDS-O005	Freshness Tests, per test	\$60
CFDS-O006	Rancidity Tests, per test	\$50
CFDS-O007	Food alert / others	\$300



# MICROBIOLOGY SECTION

# MIC

TEST/ SERVICE CODE	SERVICES/ TEST DESCRIPTION	CHARGES
<b>TEST FOR ALL SAMPLES MATRICES</b>		
CMIC-A001	Total Plate Count	\$50
CMIC-A002	Total Coliform and E.coli count	\$50
CMIC-A003	Yeast and mould count	\$50
CMIC-A004	Pathogen detection, per pathogen - using PCR	\$150
CMIC-A005	Pathogen detection, per pathogen - using Conventional Method	\$100 per pathogen
CMIC-A006	Bacterial Endotoxin Test	\$100
CMIC-A007	Staphylococcus aureus count	\$50
CMIC-A008	Bacteria identification using genetic analyser	\$600 per 5 samples or part thereof; \$150 per organism thereafter
CMIC-A009	Fungi identification using genetic analyser	\$600 per 5 samples or part thereof; \$150 per organism thereafter
<b>SPECIALIZED TESTS FOR FOOD SAMPLES ONLY</b>		
CMIC-B001	Microscopic examination	\$50
CMIC-B002	Canned food - commercial sterility test	\$30
<b>TESTS FOR FOOD, PHARMACEUTICAL AND COSMETIC SAMPLES</b>		
CMIC-C001	Bacillus Spp. Count	\$50
CMIC-C002	Pseudomonas Count	\$50
<b>SPECIALIZED TESTS FOR WATER SAMPLES ONLY</b>		
CMIC-D001	Legionella screening & confirmation	\$500 per 3 samples or part thereof; \$150 per sample thereafter
<b>OTHERS</b>		
CMIC-E001	Others	\$50

# PHARMACY SECTION

# PCY

TEST/ SERVICE CODE	SERVICES/ TEST DESCRIPTION	CHARGES
<b>PHARMACEUTICALS</b>		
CPCY-P001	pH	\$20
CPCY-P002	Melting Point	\$40
CPCY-P003	Identification by FTIR	\$100
CPCY-P004	Uniformity of Weight	\$50
CPCY-P005	Disintegration	\$60
CPCY-P006	Dissolution	\$400
CPCY-P007	Related Substance by HPLC	\$600
CPCY-P008	Assay by Titration	\$100
CPCY-P009	Assay by UV-VIS Spectrophotometer	\$120
CPCY-P010	Assay by HPLC	\$400
CPCY-P011	Assay by AAS (Sodium and Potassium Analysis) - in solution, per element	\$150
CPCY-P012	Friability Test	\$40
<b>TRADITIONAL MEDICINES AND HEALTH SUPPLEMENTS (TMHS)</b>		
CPCY-TM001	Screening and Confirmatory Testing for Adulterants in Traditional Medicines and Health Supplements, per sample	\$800
CPCY-TM002	Identification of Adulterants in Traditional Medicines and Health Supplements (per sample per adulterant)	\$120

# PHARMACY SECTION

# PCY

TEST/ SERVICE CODE	SERVICES/ TEST DESCRIPTION	CHARGES
COSMETICS		
CPCY-C001	Screening and Confirmatory Testing for Steroids in Cosmetics by HPLC per sample	\$700
CPCY-C002	Identification of Steroids in Cosmetics by HPLC (per sample per steroid)	\$120
CPCY-C003	Identification of Hydroquinone in Cosmetics by HPLC	\$120
CPCY-C004	Identification of Tretinoin in Cosmetics by HPLC	\$120
CPCY-C005	Identification of Lead in Cosmetics by GFAAS	\$150
CPCY-C006	Identification of Mercury in Cosmetics by CVAAS	\$150
CPCY-C007	Methanol Content in Cosmetics by GCFID	\$50

# FORENSIC BIOLOGY SECTION

# FOR

TEST/ SERVICE CODE	SERVICES/ TEST DESCRIPTION	CHARGES
DNA PROFILING		
CFOR-D001	DNA profiling from FTA card	\$300
CFOR-D002	DNA profiling from blood stain	\$350
CFOR-D003	DNA profiling from saliva stain	\$350
CFOR-D004	DNA profiling from semen stain	\$650
PATERNITY TESTING		
CFOR-P001	Paternity testing, with interpretation & reporting	\$900

# ILLICIT DRUGS SECTION

# ILD

TEST/ SERVICE CODE	SERVICES/ TEST DESCRIPTION	CHARGES
CILD-001	Quantitative Analysis of controlled drugs, per exhibit	\$300
CILD-002	Qualitative Analysis of controlled drugs, per exhibit	\$300
CILD-003	Analysis of intoxicating substances, per exhibit	\$150
CILD-004	Analysis of poisons, per exhibit	\$250

# PHYSICAL EVIDENCE SECTION

# PEV

TEST/ SERVICE CODE	SERVICES/ TEST DESCRIPTION	CHARGES
<b>DOCUMENT EXAMINATION</b>		
CPEV-D001	Physical Match Examination of Paper Cuts, Tears and Perforations	\$100 per page
CPEV-D002	Examination of Printing Process	\$100 per page
CPEV-D003	Examination of Typewritten Documents	\$100 per page
CPEV-D004	Examination of Altered Documents	\$80 per page
CPEV-D005	Examination of Counterfeit Documents	\$80 per page
CPEV-D006	Examination of Handwriting	\$600 (1-10 pages, minimum charge); \$60 for every additional page)
CPEV-D007	Examination of Indented impressions	\$80 per page
CPEV-D008	Examination of Inks	\$60 per page
CPEV-D009	Examination of Rubber Stamp Impressions	\$600 (1-10 impressions, minimum charge); \$60 for every additional impression)
CPEV-D010	Examination of Signatures	\$600 (1-10 signatures, minimum charge); \$60 for every additional signature)
<b>TRACE EVIDENCES</b>		
CPEV-T001	Examination of Physical Trace Evidence (such as glass, paint, hair, fibre, low explosives, unknown substances, etc), per sample	\$300 (2-3 samples, minimum charge); \$100 for every additional sample)
CPEV-T002	Examination of Ignitable Liquids	\$150
CPEV-T003	Examination of Ignitable Liquids Residues from Fire Debris Samples	\$150

# TOXICOLOGY SECTION

# TOX

TEST/ SERVICE CODE	SERVICES/ TEST DESCRIPTION	CHARGES
CTOX-001	Urine drugs screening per sample	\$25
CTOX-002	Urine drugs confirmatory test - Positive Sample	\$120
CTOX-003	Urine drugs confirmatory test - unspecified test	\$300
CTOX-004	Poisons and other drugs analysis	\$150
CTOX-005	Alcohol quantitation in biological samples	\$50 / alcohol
CTOX-006	Toluene quantitation	\$50

# MEASUREMENT STANDARDS SECTION

# MSD

TEST/ SERVICE CODE	SERVICES/ TEST DESCRIPTION	CHARGES
<b>THERMOMETRY METROLOGY</b>		
CMSD-T001	Standard Platinum Resistance Thermometer (Argon and Silver)	\$2,200
CMSD-T002	Standard Platinum Resistance Thermometer (Argon to Triple Point of Water)	\$1,000
CMSD-T003	Standard Platinum Resistance Thermometer (Triple Point of Water to Gallium)	\$700
CMSD-T004	Standard Platinum Resistance Thermometer (Triple Point of Water to Zinc)	\$1,000
CMSD-T005	Standard Platinum Resistance Thermometer (Triple Point of Water to Aluminium)	\$1,100
CMSD-T006	Standard Platinum Resistance Thermometer (Triple Point of Water to Silver)	\$1,400
CMSD-T007	Standard Thermocouple (Tin to Copper)	\$2,000
CMSD-T008	Liquid in Glass Thermometer using liquid bath comparison range: -80°C to 700°C	1st Point (\$170) and Additional \$30 Per Point
CMSD-T009	Liquid in Glass Thermometer using portable liquid bath comparison range: -45°C to 250°C	1st Point (\$90) and Additional \$30 Per Point
CMSD-T010	Digital Thermometer with PRT using liquid bath comparison range: -80°C to 700°C	1st Point (\$170) and Additional \$30 Per Point
CMSD-T011	Industrial Thermometer using portable liquid bath / dry block comparison range: -45°C to 250°C	1st Point (\$90) and Additional \$30 Per Point
CMSD-T012	Industrial Thermometer with Thermocouple using furnace / dry block comparison range: 90°C to 1300°C	1st Point (\$85) and Additional \$20 Per Point
CMSD-T013	Radiation Thermometry using blackbody calibrator Range: -10°C to 500°C	1st Point (\$60) and Additional \$20 Per Point
CMSD-T014	Ear Thermometer	\$50 Per Equipment
CMSD-T015	Heat Enclosure	1st Point \$160 and Additional \$30 Per Point
CMSD-T016	Autoclave	\$400 per equipment
CMSD-T017	Air Temperature Sensor	1st Point (\$90) and Additional \$40 Per Point
CMSD-T018	Thermo-Hygrograph / Thermo-Hygrometer / Data Logger (Air Type)	1st Set - 1 points temperature and 3 points humidity (\$120). Additional \$120 Per Set and Additional \$35 Per Humidity Point



# MEASUREMENT STANDARDS SECTION

# MSD

TEST/ SERVICE CODE	SERVICES/ TEST DESCRIPTION	CHARGES
<b>MECHANICAL METROLOGY</b>		
CMSD-M001	Piston Pipette	1st Point (\$60) Additional \$20 Per Point
CMSD-M002	Bottle Top Dispenser	1st Point (\$60) Additional \$20 Per Point
CMSD-M003	(a) Weighing Balance calibration using weight E2 Class (Micro Balance and Analytical Balance)	\$600
CMSD-M004	(b) Weighing Balance calibration using weight F1 Class for Capacity 320g or Less	\$300
CMSD-M005	(c) Weighing Balance calibration using weight F1 Class for Capacity more than 320g	\$250
CMSD-M006	(d) Weighing Balance - Additional Range Calibration (Dual Range Balance for Analytical Balance) under one certificate report.	\$300
CMSD-M007	(e) Weighing Balance - Additional Range Calibration (Dual Range Balance for Micro Balance)	\$400
CMSD-M008	(a) Standard Weight Calibration using weight OIML Class E1	1mg to 200g = \$50/item 500g = \$55/item 1kg = \$60/item 2kg = \$80/item 5kg = \$100/item 10kg = \$120/item 20kg = \$150/item
CMSD-M009	(b) Standard Weight Calibration using weight OIML Class E2	1mg to 200g = \$20/item 500g = \$25/item 1kg = \$30/item 2kg = \$40/item 5kg = \$60/item 10kg = \$80/item 20kg = \$100/item
CMSD-M010	(c) Standard Weight Calibration using weight OIML Class F1	1mg to 200g = \$15/item 500g = \$20/item 1kg = \$25/item 2kg = \$30/item 5kg = \$40/item 10kg = \$60/item 20kg = \$80/item
CMSD-M011	Blood Pressure Monitor Device	\$50 Per Equipment
CMSD-M012	Pressure Gauge (Laboratory)	1st Point (\$25) Additional \$5 Per Point
CMSD-M013	Pressure Gauge (On-Site)	1st Point (\$30) Additional \$10 Per Point
<b>OTHERS</b>		
CMSD-O001	Calibration Others	\$50 per point