

CENTRAL RESEARCH LABORATORY SERVICES

HONEY TESTING

No.	ANALYSIS	SERVICE CHARGE (RM)			Unit
		USM	GOV/IPTA	PRIVATE	
1	PH and acidity	50	60	70	sample
2	Conductivity	40	50	60	sample
3	Water Content	40	50	60	sample
4	Ash	40	50	60	sample
5	Sugar (glucose, fruktose, sukrose)	190	200	210	sample
6	HMF	110	120	130	sample
7	Antioxidant	130	140	150	sample
8	Diastase	140	200	250	sample

FOOD TESTING

No.	ANALYSIS	SERVICE CHARGE (RM)			Unit
		USM	GOV/IPTA	PRIVATE	
1	Water content	40.00	58.00	60.00	sample
2	Ash	40.00	50.00	60.00	sample

BODY COMPOSITION

No.	ANALYSIS	SERVICE CHARGE (RM)			Unit
		USM	GOV/IPTA	PRIVATE	
1	Predicted	60.00	95.00	105.00	subject
2	Measured	110.00	158.00	175.00	subject

EQUIPMENT SERVICES

No.	ANALYSIS	SERVICE CHARGE (RM)			UNIT
		USM	GOV/IPTA	PRIVATE	
1	Flowcytometer BD FACsCalibur (BD) Analysis • Including sheath fluid, cleaning solution and calibrite • Excluding sheath fluid, cleaning solution and calibrite	180	230	250	hour
		70	80	90	
2	MoFlo Cell sorting (Beckman Coulter) analysis • Analysis with cell sorting • Analysis without cell sorting • Data Analysis	310	400	450	hour
		310	400	440	
		140	180	200	
3	Particle size Analysis	90	120	130	sample
4	Inverted Microscope with Laser Dissection System (ZEISS)	90	110	130	hour
5	HPLC (Agilent) • Include column+solvent+consumables • Include column only • Exclude column+solvent+consumables	130	180	200	sample
		85	120	150	
		80	100	120	
6	GCMS Analysis (Agilent) • Incude column+consumables • Include column only • Exclude column+solvent+consumables	110	150	170	sample
		95	130	150	
		70	90	130	
7	GCMS with Headspace (Agilent)	115	250	300	sample
8	LC TOF/MS (Waters) • Include column+solvent • Include column only • Exclude column+solvent • Direct Infusion	130	230	260	sample
		105	200	220	
		85	160	180	
		80	160	180	
9	LCMS (Agilent) • Include column+solvent • Exclude column+solvent	160	230	270	sample
		140	200	230	
10	HPTLC analysis (CAMAG)	100	130	150	sample
11	Capillary electrophoresis(Agilent)	80	110	130	sample
12	GCFID analysis (Shiamadzu)	130	200	250	sample
13	Low Speed Precision Saw (BUEHLER)	45	60	75	sample
14	Microplate Reader (Bio-Tek)	55	75	90	run
15	RT-PCR (Applied Biosystem)	35	60	70	run
16	Nanodrop (Thermo Scientific)	33	50	60	sample
17	Fluorescence Microscope (Olympus)	30	50	65	hour
18	Freeze Dryer (CHRIST)	25	30	35	hour
19	Freezer -80°C (Thermo)	150	190	200	monthly

CONTACT US

CENTRAL RESEARCH LABORATORY, ANIMAL RESEARCH COMPLEX, ADVANCED MEDICAL & DENTAL INSTITUTE, USM, BERTAM, 13200 KEPALA BATAS, PULAU PINANG, MALAYSIA. Website : <https://research.amdi.usm.my/ipptcr/>; Email : crlippt_services@usm.my