


Appendix 4.4A

	ANALYTICAL SERVICES LABORATORY Malaysian Cocoa Board Lot 3, Jalan P/9B, Seksyen 13, 43650 Bandar Baru Bangi, Selangor Darul Ehsan Tel. : 03 – 89267800 Fax. : 03 - 89255386	Ref. : LKM/ASL/4.4/ Date : dd / mm / yy
	To:	

Dear Sir,

PRICE QUOTE FOR ANALYTICAL SERVICES

Below are the prices for tests offered by our laboratory. Please tick the test you need.

	Test required	Test Method	RM/sample	
1.	Moisture (Oven method) *	MS 119 : 1988	20.00	
2.	Moisture (Karl Fischer) *	IOCCC, 105 - 1988	40.00	
3.	Free Fatty Acid	IUPAC 2.201 6 th Ed.	25.00	
4.	Peroxide Value	IUPAC 2.501 6 th Ed.	25.00	
5.	Iodine Value	IUPAC 2.205 6 th Ed.	30.00	
6.	Slip Melting Point *	AOAC Cc 3 – 25 (1989)	20.00	
7.	Saponification value	IUPAC 2.202 6 th Ed.	30.00	
8.	Melting Profile (DSC) *	JAOCS, Vol. 71(3) 1994	40.00	
9.	Fatty Acid Composition (GC)	IUPAC 2.301 1987	55.00	
10.	Solid Fat Content (NMR)	ISO 8292 : 1991(E)	50.00	
11.	Fat Content (Soxhlet) *	MS 119 : 1988	50.00	
12.	Ash content	AOAC 972.15 (1990)	40.00	
13.	Gross Energy value (Bomb)	Bomb calorimeter	40.00	
14.	UV-Extinction value *	IOCCC Pg 8d-E/1973	40.00	
15.	pH *	IOCCC Pg 9-E/1972	20.00	
16.	Shell content (microscopic)	AOAC 970.23, 767-770	40.00	
17.	Micro-organisms count *	IOCCC 118 - 1990	40.00	
18.	Mould & Yeasts count *	IOCCC 118 - 1990	40.00	
19.	Aerobic spores count *	IOCCC 118 - 1990	40.00	
20.	<i>Staphylococcus aureus</i> count	IOCCC 118 - 1990	50.00	
21.	E.coli count (MPN technique) *	IOCCC 118 - 1990	50.00	
22.	Enterobacteriaceae	IOCCC 118 - 1990	50.00	
23.	Sensory evaluation (per panel)	Descriptive analysis	25.00	

Note - Sample should be adequate and properly seal in a container.

* SAMM Accredited Test Method

Please complete the form and return to us via fax for job confirmation. Please do not hesitate to contact us if you need any clarification. Thank you.

.....
 Suzannah Sharif
 Quality Manager

.....
 Client's name signature
 Date: