



**BORANG PERMOHONAN PERKHIDMATAN ANALISIS**

MAKLUMAT PEMOHON			SEMAKAN PERMINTAAN	
Nama :	_____		Tandakan sekiranya memenuhi keperluan pelanggan:	
Syarikat :	_____		Jenis sampel	Kaedah analisis
Alamat :	_____		Bahan kimia	Peralatan
	_____		Sumber manusia	
Emel :	_____		Catatan:	
Sampel :	_____		_____	
	_____		_____	
Analisis / Kaedah Analisis :	_____		Analisis perlu disubkontrakkan:	
	_____		_____	
	_____		_____	
Saluran :	Emel	Telefon	Facebook	
	URL: _____			
Tel :	_____	Tarikh :	_____	
KETERANGAN SAMPEL			MAKLUMAT TAMBAHAN	
Kod sampel	Nama sampel	Keadaan		
1.	_____	_____		
2.	_____	_____		
3.	_____	_____		
4.	_____	_____		
5.	_____	_____		
6.	_____	_____		
7.	_____	_____		
8.	_____	_____		
9.	_____	_____	<b>SIJIL KEPUTUSAN</b>	
10.	_____	_____		
Tarikh sampel diterima: _____		Tarikh jangkaan siap: _____		
<b>JUMLAH BAYARAN ANALISIS</b>		<b>PERSETUJUAN PEMBAYARAN</b>		
Bayaran untuk analisis seperti yang tercatat di halaman 2 adalah sebanyak RM _____.		Saya setuju dengan cadangan analisis yang tercatat di halaman 2 dan membayar sebanyak RM _____ dalam bentuk Tunai    Cek    Masuk Bank    LPO (No. _____).		
Tandatangan kakitangan makmal : _____ Tarikh: _____		Tandatangan pemohon : _____ Tarikh: _____		

**Nota :**

- i. Bayaran melalui cek syarikat / wang pos hendaklah dibayar atas nama **'DANA MAKMAL MARDI'** akaun no. CIMB Bank **800-216-8703**
- ii. Bayaran yang telah diterima untuk analisis yang tidak dapat dijalankan atas sebab-sebab teknikal, seperti kerosakan peralatan, akan dikembalikan kepada pelanggan.
- iii. Pihak makmal tidak dibenarkan untuk menerbitkan apa-apa maklumat yang diperolehi daripada analisis ini dalam mana-mana media awam sebelum persetujuan pelanggan diperolehi.

**NYATAKAN ANALISIS YANG DIPERLUKAN (sila tandakan)**

 Sampel  1  2  3  4  5  6  7  8  9  10

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NUTRITIONAL LABELLING	ELEMENTAL ANALYSIS
<b>Malaysian Requirement</b>	Major & Trace Elements (N, P, K, Ca, Mg, Na, S, Mn, Fe, Cu, Zn, B and Al)
Total Calories (Moisture, Ash, Crude Protein, Fat, Carbohydrate, Energy, Total Sugar (Titration) & Sodium) Food (Amendment) (4) Regulations 2020 (P.U. (A) 209/2020)	Major Elements (N, P, K, Ca, Na and S)
Total Calories (Moisture, Ash, Crude Protein, Fat, Carbohydrate, Energy, Total Sugar (Sugar Profile) & Sodium) Food (Amendment) (4) Regulations 2020 (P.U. (A) 209/2020)	Trace Elements (Mn, Fe, Cu, Zn, B and Al)
<b>Overseas Requirement - USNLEA</b>	Aluminium (Al)
Total Calories (Moisture, Ash, Crude Protein, Fat, Total Dietary Fibre, Carbohydrate & Energy)	Boron (B)
Total Vitamin A Activity	Calcium (Ca)
Vitamin A (Carotene)	Copper (Cu)
Vitamin B1 (Thiamine)	Iron (Fe)
Vitamin B2 (Riboflavin)	Magnesium (Mg)
Vitamin C (Ascorbic Acid)	Manganese (Mn)
Cholesterol	Phosphorus (P)
Fatty Acid Profile (monounsaturated, polyunsaturated, saturated & trans fatty acids)	Potassium (K)
Calcium (Ca)	Sodium (Na)
Iron (Fe)	Sulphur (S)
Magnesium (Mg)	Zinc (Zn)
Potassium (K)	<b>HEAVY METALS</b>
Sodium (Na)	Heavy Metals (As, Cd, Co, Cr, Mo, Ni, Pb and Se)
<b>GENERAL</b>	Arsenic (As)
Proximates & Energy (Moisture, Ash, Crude Protein, Fat, Carbohydrate & Energy)	Cadmium (Cd)
Moisture	Cobalt (Co)
Ash	Chromium (Cr)
Crude Protein (Kjeldahl)	Lead (Pb)
Crude Fat	Mercury (Hg)
Total Fat    Acid    Alkaline Hydrolysis	Molybdenum (Mo)
Dietary Fibre	Nickel (Ni)
Total Sugar (Lane-Eynon Titration)	Selenium (Se)
Reducing Sugar (Lane-Eynon Titration)	<b>CARBON &amp; NITROGEN</b>
Sucrose (by calculation)	Ammoniacal N
Sugar Profile – HPLC fructose, glucose, sucrose, maltose, lactose, galactose	Carbon (C)
Total Nitrogen (Kjeldahl N)	Nitrogen (N)
Total Soluble Solid	<b>MICROBIOLOGY</b>
Starch	General Quality Check Total Plate Count, Yeast & Mould, Coliform & <i>E. coli</i>
Salt (as NaCl)	Comprehensive Quality Check Total Plate Count, Yeast & Mould, Coliform, <i>E. coli</i> , <i>Staphylococcus aureus</i> , <i>Salmonella sp.</i> (presumptive).
Titrateable Acidity as acetic acid, citric acid, malic acid, lactic acid, tartaric acid	General Microbial Test Total Plate Count, Yeast & Mould
Fatty Acid Profile – GC (monounsaturated, polyunsaturated, saturated, trans fatty acids & Omega-3, 6, 9)	Product Hygiene Screening Coliform & <i>E. coli</i>
Ethanol – GC	Total Plate Count
Cholesterol	Yeast & Mould Count
Gelatine	Spore Count
Hydroxyproline	Coliform
Caffeine – HPLC	<i>E. coli</i>
Volatile Essential Oil	<i>Salmonella sp.</i> (presumptive)
Amino Acid Profile	<i>Staphylococcus aureus</i>
Brix	<i>Bacillus cereus</i>
pH	<b>OTHERS</b>
Water Activity (a <sub>w</sub> )	Sample preparation
<b>OIL &amp; FATS</b>	
Free Fatty Acid	
Impurities	
Peroxide Value	
Saponification Value	
Thiobarbituric Acid No.	
Unsaponifiable matter	
<b>PRESERVATIVES</b>	
Benzoic Acid – HPLC	
Sorbic Acid - HPLC	

Jumlah bayaran untuk analisis-analisis di atas: RM \_\_\_\_\_.