ANALISIS MAKMAL BERDASARKAN KEPADA KATEGORI MAKANAN HAIWAN ATAU BAHAN TAMBAHAN MAKANAN HAIWAN
LABORATORY ANALYSIS (CERTIFICATE OF ANALYSIS - COA) BASED ON ANIMAL FEED OR FEED ADDITIVE

NO.	KATEGORI MAKANAN HAIWAN/FEED CATEGORY	ANALISIS MAKMAL YANG DIPERLUKAN	REQUIRED LABORATORY ANALYSIS
1	Bijirin (jagung, soya etc) Cereals (corn, soy, etc.)	Analisis proksimat & analisis mikrobiologi. Parameter: kelembapan, protein kasar, bahan kering, serat kasar, abu, yeast/mold (aflatoxin).	Proximate & mikrobiology analysis Parameter:Moisture, Crude Protein, Dry Matter, Crude Fibre, Ash, yeast/mold (aflatoxin).
2	Produk kimia [produk yang bertujuan rawatan yang mengandungi racun berjadual, bukan racun (OTC), suplemen (vitamin, mineral, asid amino), produk semulajadi (eg. Herba) dan premix] – daftar & dilesenkan oleh NPRA (Peraturan-Peraturan Kawalan Dadah & Kosmetik 1984) dan sebagai bahan tambahan makanan haiwan. Chemical products [products intended for treatment containing scheduled poisons, non-toxic (OTC), supplements (vitamins, minerals, amino acids), natural products (eg. Herbs) and premixes] – registered & licensed by NPRA (Drug Control Regulations & Cosmetics 1984) and for feed additive.	Analisis bahan/kandungan aktif dan apa-apa bahan lain di dalamnya.	Analysis of the active ingredient/content and any other ingredient in it.
3	Produk biologik (produk yang mengandungi vaksin, enzim, hormon, yis, probiotik dan makanan yang dikawal dibawah Seksyen Perubatan & Biologik, KAV) – daftar di bawah Akta Binatang 1953 (Semakan 2006) Sek. 30 & 84 Biological products (products that contain vaccines, enzymes, hormones, yeast, probiotics and food regulated under the Veterinary Product & Biological Section, Veterinary Public Health Division) - register under the Animal Act 1953 (Revised 2006) Sec. 30 & 84	Analisis bahan/kandungan aktif dan apa-apa bahan lain di dalamnya.	Analysis of the active ingredient/content and any other ingredient in it.
4	Foraj (alfalfa, hay, lucaena etc) Forage (alfalfa, hay, lucaena etc)	Analisis proksimat Parameter: kelembapan, protein kasar, bahan kering, serat kasar, abu	Proximate analysis Parameter: Moisture, Crude Protein, Dry Matter, Crude Fibre & Ash
5	Bahan hasil sampingan haiwan seperti MBM, feather meal, fishmeal, susu etc Animal by-products such as MBM, feather meal, fishmeal, milk etc.	Analisis proksimat Parameter: kelembapan, protein kasar, lemak kasar, abu	Proximate analysis Parameter: Moisture, Crude Protein, Crude Fat & Ash
6	Bahan sampingan pertanian (kelapa sawit, CGM, koko, DDGS, temukut etc) Agricultural by-products (palm oil, CGM, cocoa, DDGS, temukut etc)	Analisis proksimat Parameter: kelembapan, protein kasar, bahan kering, serat kasar, abu	Proximate analysis Parameter: Moisture, Crude Protein, Dry Matter, Crude Fibre & Ash
7	Makanan Haiwan Terumus seperti petfood, Makanan lembu, ayam, ikan etc yang diformulasi/dirangsum mengikut jenis haiwan. Formulated Feed such as petfood, Cattle feedd, chicken, fish etc which are formulated/ingested according to the type of animal.	Analisis proksimat Parameter: kelembapan, protein kasar, lemak kasar, bahan kering, serat kasar, abu	Proximate analysis Parameter: Moisture, Crude Protein, Crude Fat, Dry Matter, Crude Fibre & Ash
8	Pilihan/tidak diwajibkan kecuali sekiranya diminta Optional/not required unless requested	1. Analisis mikrobiologi seperti total plate count (bacteria count), yeast, mold (alflatoxin), e.coli etc	1. Microbiological analysis such as total plate count (bacteria count), yeast, mold (alflatoxin), e.coli etc
		2. Analisis Heavy metal e.g Cu, Zn, As, Cr, Cd and Pb (lead)	2. Heavy metal analysis such as Cu, Zn, As, Cr, Cd and Pb (lead)
		3. Analisis Organoleptic (Properties) seperti Appearance, odor, taste	3. Analisis Organoleptic (Properties) such as Appearance, odor, taste
		4. Analisis Phytochemical seperti total bitter, total tannin	4. Analisis Phytochemical such as total bitter, total tannin