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LABORATORY LOCATION/ CENTRAL OFFICE:	Makmal Keselamatan dan Kualiti Makanan Kedah Bandar Bukit Kayu Hitam 06050 Bukit Kayu Hitam, Kedah , 6050, KEDAH MALAYSIA
	
ACCREDITED SINCE :	04 SEPTEMBER 2025
FIELD(S) OF TESTING:	CHEMICAL

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

CENTRAL LOCATION:	Makmal Keselamatan dan Kualiti Makanan Kedah Bandar Bukit Kayu Hitam 06050 Bukit Kayu Hitam, Kedah , 6050, Kedah
FIELD(S) OF TESTING :	CHEMICAL,

SCOPE OF TESTING : CHEMICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Foods Fish And Fish Products , Meat And Meat Products	Sulphamerazine (SMR) Sulphamonomethoxine (SMM) Sulphadimethoxine (SDM) Oxolinic Acid (OXA) Sulphaquinoxaline (SQX) Sulfathiazole (STZ) Sulfadiazine (SDZ) Sulfadimidine (SDD) Nicarbazine (NCZ)	In-house Method, Ref. No. MOH D03-002. Based on Leo M.L Nollet, Food Analysis by HPLC, 2000, Page 621-691, HPLC
	Tetracycline: Chlortetracycline (CTC) Doxycycline (DC) Tetracycline (TC) Oxytetracycline (OTC)	In-house Method, Ref. No. MOH D03- 003. Based on AOAC 995.05, 2000, HPLC

Schedule

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Macrolides: Erythromycin (ERY) Lincomycin (LINCO) Tylosin (TYL)	In-house Method, Ref. No. MOH D03- 024. Based on Journal of Agricultural & Food Chemistry, 2008, Vol. 56, Page 8844-8850. LCMS/MS
	Nitrofurans residues: Furazolidone metabolite: 3-amino-2-oxazolidinone (AOZ) Furaltadone metabolite: 3-amino-morpholinomethyl-2-oxazolidinone (AMOX)	In-house Method, Ref. No. MOH D03- 006. Based on Journal of Chromatography A, 2001., Vol.939, Page 49-58, LCMS/MS
	Phenolics: Chloramphenicol (CAP) Thiamphenicol (TAP) Florfenicol (FF)	In-house Method, Ref. No. MOH D03- 021, based on Journal of Chromatography B, 2008, Vol.875, Page 399-404, LCMS/MS
	Nitroimidazoles: Dimetridazole metabolite (HNMNI) Metronidazole (MNZ) Ronidazole (RNZ)	In-house Method, Ref. No. MOH D03- 018, based on Journal of Chromatography A, 2000., Vol.882, Page 89-98. LCMS/MS.
Foods Fish And Fish Products	Benzimidazole: 2-amino-albendazole sulfone (2AA) Albendazole sulfone (ASF) Albendazole sulfoxide (ASOX) Fenbendazole (FEN) Oxfendazole (OXFEN) Thiabendazole (TBZ) Albendazole (ALB) Flubendazole (FLUB) Mebendazole (MEB) Febantel (FEBAN)	In-house Method, Ref. No. MOH D03- 017. Based on Journal of Chromatography B, 727:1999, page 167-177, LCMS/MS.
Foods Milk And Milk Products & Confectionary	Melamine	In-house Method, Ref. No. MOH J03- 025. Based on USDA/GFSAN Laboratory Information Bulletin, 2007, No. 4396, Volume 23, LCMS/MS.
Foods Maize And Maize Products	Fumonisin: Fumonisin B1 Fumonisin B2	In-house Method, Ref. No. MOH L03- 012. Based on Agilent Tech. Application Note. Pub. No. 5990-6560. LCMS/MS.
Foods Honey	Macrolides: Erythromycin (ERY) Lincomycin (LINCO) Tylosin (TYL)	In-house Method, Ref. No. MOH D03- 026. Based on Agilent Tech. Application Note. Pub. No. 5991 3190N.LCMS/MS.

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Chloramphenicol	In-house Method, Ref. No. MOH D03- 009. Based on Method on Analysis of Sweetening Substance, 2006. LCMS/MS.
Foods Honey And Sugar Containing Food Products	Hydroxymethylfurfural (HMF)	In-house Method, Ref. No. MOH N03- 011 Determination of Hydroxymethylfurfural by Liquid Chromatography. Based on International Honey Commission, 2002, page 25-26. A. G. K., 2009, and Pakistan Journal of Nutrition 8 (9), page 1391-1396. Identification and Quantification of % - Hydroxymethyl Furfural HMF in some sugarcontaining food products by HPLC.
Foods Muscle	Colistin Metronidazole Hydroxyl (MNZ-OH) Leucocrystal Violet (LCV) Malachite Green (MG) Leucomalachite Green (LMG) Crystal Violet (CV)	In-house Method, Ref. No. MOH D03 033 Determination Colistin in Muscle by Liquid Chromatography Tandem Mass Spectrometry In-house Method, Ref. No. MOH D03-018 Determination of Nitroimidazole Residues in Muscle and Offal by Liquid Chromatography Tandem Mass Spectrometry. In-house Method, Ref. No. MOH D03-029 Determination of Triphenylmethane Dyes by Solvent Extraction in Muscle by Liquid Chromatography Tandem Mass Spectrometry.