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of SAMM 747 dated 15 October 2024)

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LABORATORY LOCATION/ CENTRAL OFFICE: 	VETERINARY RESEARCH INSTITUTE NO. 59 JALAN SULTAN AZLAN SHAH 31400 IPOH PERAK MALAYSIA
ACCREDITED SINCE:	11 DECEMBER 2015
FIELD(S) OF TESTING:	VETERINARY

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:	VETERINARY RESEARCH INSTITUTE NO. 59 JALAN SULTAN AZLAN SHAH 31400 IPOH, PERAK
FIELD(S) OF TESTING:	VETERINARY

SCOPE OF TESTING: VETERINARY (VIROLOGY)

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Avian <ul style="list-style-type: none"> • Pooled organs • Tracheal swabs • Oropharyngeal swabs • Cloacal swabs • Environmental swabs • Allantoic fluid • Faeces • Bird nest • Meat and meat products (poultry) • Eggs and egg products 	Isolation, detection and confirmation of Avian Influenza Virus (AIV)	In-house method VTM/AV001 based on CSIRO-ACDP method

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SCOPE OF TESTING: VETERINARY (VIROLOGY)

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Avian <ul style="list-style-type: none"> • Pooled organs • Tracheal swabs • Oropharyngeal swabs • Cloacal swabs • Environmental swabs • Allantoic fluid • Faeces • Bird nest • Meat and meat products (poultry) • Eggs and egg products 	Isolation, detection and confirmation of Newcastle Disease Virus (NDV)	In-house method VTM/AV002 based on CSIRO-ACDP method

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Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Avian • Blood • Serum	Avian Influenza Virus (AIV) H5 Haemagglutination inhibition test (HI)	In-house method VTM/AV008 based on CSIRO-ACDP method
Avian • Blood • Serum	Avian Influenza Virus (AIV) H9 Haemagglutination inhibition test (HI)	In-house method VTM/AV012 based on CSIRO-ACDP method
Avian • Blood • Serum	Newcastle Disease Virus (NDV) Haemagglutination inhibition test (HI)	In-house method VTM/AV013 based on CSIRO-ACDP method

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Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Multispecies <ul style="list-style-type: none"> • Brain tissue • Cerebrospinal fluid (CSF) • Salivary gland • and other samples (cell culture) 	Detection of Rabies Virus by Nested RT-PCR	VRI/TM/MV001 based on CSIRO-ACDP method
Multispecies <ul style="list-style-type: none"> • Brain tissue • Cerebrospinal fluid (CSF) • Salivary gland • and other samples (cell culture) 	Detection of Rabies Virus by Real-Time Reverse Transcription Polymerase Chain Reaction (qRT-PCR)	VRI/TM/MV002 based on CSIRO-ACDP method
Avian <ul style="list-style-type: none"> • Pooled organs • Tracheal swabs • Oropharyngeal swabs • Cloacal swabs • Environmental swabs • Allantoic fluid • Faeces • Bird nest • Meat and meat products (poultry) • Eggs and egg products 	Detection of Avian Influenza Virus (AIV) using Real-Time TaqMan Assay.	VTM/AV003 based on <ul style="list-style-type: none"> • CSIRO-ACDP method • WOH Terrestrial Manual
Avian <ul style="list-style-type: none"> • Pooled organs • Tracheal swabs • Oropharyngeal swabs • Cloacal swabs • Environmental swabs • Allantoic fluid • Faeces • Bird nest • Meat and meat products (poultry) • Eggs and egg products 	Detection of Newcastle Disease Virus (NDV) using Real-Time TaqMan Assay.	VTM/AV004 based on <ul style="list-style-type: none"> • CSIRO-ACDP method • WOH Terrestrial Manual

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Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Swine (Domestic and Wild Pigs) <ul style="list-style-type: none"> • Plasma • Organs / tissue • Bone marrow 	Detection of African Swine Fever Virus (ASFV) by PCR	VR1/TM/MV003 based on <ul style="list-style-type: none"> • CSIRO-ACDP method • WOAH Terrestrial Manual
Swine (Domestic and Wild Pigs) <ul style="list-style-type: none"> • Plasma • Organs / tissue • Bone marrow 	Detection of African Swine Fever Virus (ASFV) by Real- Time PCR (qPCR)	VR1/TM/MV004 based on <ul style="list-style-type: none"> • CSIRO-ACDP method • WOAH Terrestrial Manual

SCOPE OF TESTING: VETERINARY (BACTERIOLOGY)

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Multispecies <ul style="list-style-type: none"> • Pooled organs • Intestines • Eggs • Cloacal swabs 	<i>Salmonella</i> spp Isolation and Identification of <i>Salmonella</i> spp	VR1/VTM/BM001 based on WOAH Terrestrial Manual 2022, Chapter 3.10.7 Salmonellosis and WOAH Terrestrial Manual 2018, Chapter 3.3.11 Fowl typhoid and Pullorum disease.

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Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Canine <ul style="list-style-type: none"> • Brain sample 	Detection of Rabies Virus by Fluorescent Antibody test	VRI/TM/PATO/001 in-house method based on: Procedure for Rabies and Lyssavirus Diagnosis including rabies fluorescent antibody test (FAT) and virus isolation, ACDP, Disease Project WOH Rabies infected with Rabies and other Lyssavirus

Note:

- WOAH : World Organization Animal Health
 CSIRO-ACDP : Commonwealth Scientific and Industrial Research Organization-Australian Centre
 for Disease Preparedness