

Schedule

Pacific Lab Services
Zagro Global Hub
5 Woodlands Terrace
5th Floor East Wing
Singapore 738430

Certificate No. : LA-1997-0105-A

Issue No. : 21

Date : 02 January 2019

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FIELD OF TESTING : Chemical and Biological Testing

MATERIALS / PRODUCTS TESTED	TESTS / PROPERTIES	STANDARD METHODS / TECHNIQUES / EQUIPMENT
A Food and Beverage / Feed	Chemical Analysis	
	1. Crude Protein / Nitrogen	Pacific Lab Method 2.1
	2. Crude Fat	Pacific Lab Method 2.3
	3. Total Fat	Pacific Lab Method 2.4a
	4. Moisture	Pacific Lab Method 2.7
	5. Ash	Pacific Lab Method 2.8
	6. Vitamin A	Pacific Lab Method 3.2
	7. Vitamin C	Pacific Lab Method 3.12
	8. Vitamin E	Pacific Lab Method 3.14 & 3.14a
	9. Cholesterol	Pacific Lab Method 14.2a
	10. Heavy Metals & Metals • As, Cu, Hg & Pb • Fe, Na, Ca, As, Be, Ti, Cd, Co, Cr, Cu, Li, Mg, Mn, Mo, Ni, Pb, Sb, Ag, Tl, V, Zn, Al, K, B, Ba, Si, Se, Sn, Hg	Pacific Lab Method 4.3a Pacific Lab Method 4.3b
11. Fat in Dairy Products	AOAC 905.02 and AOAC 932.06	

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	12. Fatty Acids, Trans Fat, Saturated & Unsaturated Fat in lipids	AOAC 996.06
	13. Melamine by GCMS and HPLC	Pacific Lab Method 27.9, Issued 30/11/17
	14. Total Dietary Fibre	AOAC 985.29
	15. Benzoic acid, Sorbic acid and Paraben by HPLC	Pacific Lab Method 12.17
	16. Sugars Reducing and Non Reducing	Pacific Lab method 2.11
	17. Determination of Alcohol in Wines, Beer, Juice and Food	Pacific Lab method 25.9
	18. Determination of Sulphur dioxide (Tanner's method)	Pacific Lab method 12.8
	19. Determination of Propionic acid, Formic acid, Acetic acid and Lactic acid	Pacific Lab Method 12.2,
	20. Determination of L-ascorbyl-2-monophosphate	Pacific Lab Method 3.23,
	21. Determination of Vitamin B1, B2, B3 (Niacin, Niacinamide) and B6	Pacific Lab Method 3.15a
	22. Determination of Vitamin D3	Pacific Lab Method 3.13a
	23. Determination of Sugars by HPLC	Pacific Lab Method 2.11c
	24. Determination of Maduramicin by HPLC	Pacific Lab Method 5.7
	25. Determination of Nicarbazin by HPLC	Pacific Lab Method 5.9

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MATERIALS / PRODUCTS TESTED	TESTS / PROPERTIES	STANDARD METHODS / TECHNIQUES / EQUIPMENT
B Premix	1. Moisture	Pacific Lab Method 2.7
	2. Ash	Pacific Lab Method 2.8
	3. Vitamin A	Pacific Lab Method 3.2
	4. Vitamin E	Pacific Lab Method 3.14
	5. Heavy Metals & Metals Fe, Na, Ca, As, Be, Cd, Co, Cr, Cu, Li, Mg, Mn, Mo, Ni, Pb, Sb, Ag, Ti, Tl, V, Zn, Al, K, B, Ba, Si, Se, Sn, Hg	Pacific Lab Method 4.3b
	6. Niacin & Niacinamide	Pacific Lab Method 3.19a
	7. Vitamin B2	Pacific Lab method 3.5
	8. Determination of L-ascorbyl-2- 9 Monophosphate	Pacific Lab Method 3.23
	Determination of Sugars by HPLC	Pacific Lab Method 2.11c
	10 Determination of Maduramicin by HPLC	Pacific Lab Method 5.7
	11 Determination of Nicarbazin by HPLC	Pacific Lab Method 5.9
	12 Determination of Propionic acid, Formic acid, Acetic acid and Lactic acid	Pacific Lab Method 12.2
C Health Supplements / Chinese medicines	1. Heavy Metals & Metals As, Cu, Hg & Pb Fe, Na, Ca, As, Be, Cd, Co, Cr, Cu, Li, Mg, Mn, Mo, Ni, Pb, Sb, Ag, Ti, Tl, V, Zn, Al, K, B, Ba, Si, Se, Sn, Hg	Pacific Lab Method 4.3a Pacific Lab Method 4.3b

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	2. Sugars Reducing and Non Reducing	Pacific Lab Method 2.11
	3. Determination of Alcohol in Wines, Beer, Juice and Food	Pacific Lab method 25.9
	4. Determination of Sulphur dioxide (Tanner's method)	Pacific Lab method 12.8
	1. Diazinon Microbiology Analysis	Pacific Lab Method 26.4
D Pesticide		
E Premix, Food and Feed (Microbiology)	1. Aerobic Plate Count	} 3M, Petrifilm
	2. Rapid Aerobic Plate Count	
	3. Coliform Plate Count	
	4. E.coli and Coliform Plate Count	
	5. Rapid Coliform Count	
	6. Enterobacteriaceae Plate Count	
	7. Lactic Acid Bacteria Plate Count	
	8. Yeast and Mould Plat Count	
	9. Rapid Yeast and Mould Plate Count	
	10. Count	
	11. Staphylococcus aureus Plate Count	
	12. Salmonella Identification	

Approved Signatories

Dr Ong Pei Thing

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Note:

This laboratory is accredited in accordance with the recognised International Standard ISO/IEC 17025. A laboratory's fulfilment 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. 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.