Laboratory Accreditation Programmes

Schedule to CERTIFICATE OF ACCREDITATION



Client Number 7202

Nutrition Laboratory

College of Science, Massey University

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Telephone 04 801-5799

www.massey.ac.nz

Authorised Representative Ms Fliss Jackson

Manager, Nutrition Laboratory

Programme Chemical Testing Laboratory

Accreditation Number 927

Initial Accreditation Date 22 November 2004

Conformance Standard

ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories

Laboratory Services Summary

2.31 Foods

- 2.36 Agricultural Products and Agricultural Materials
- **Biological Specimens** 2.61



Laboratory Accreditation Programmes

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Nutrition Laboratory Chemical Testing Laboratory SCOPE OF ACCREDITATION

Accreditation Number 927

2.31 Foods Cereals and cereal products (a) Edible oils, fats and their products (b) Nuts, fruits and vegetables and derived products (c) Meat, poultry and derived products (g) Non-alcoholic beverages (k) Food additives and supplements **(I)** Acid detergent fibre (Fibertec) AOAC 973.18 Ash (Feed) AOAC 942.05 Ash (Flour) AOAC 923.03 Ash (Meat) Calcium Crude fat (Soxhlet) (Grains, feed)

Crude fat (Soxhlet) (Grains, feed) Crude fat (Soxhlet) (Meat) Crude fibre (Flour) Crude fibre (Animal feed & pet food) Crude protein (Combustion) Dry matter Dry matter Fatty Acids

Freezing Point Depression (Osmolality) Gross energy Lignin (Fibertec) Moisture (Feed, forage) Moisture (Flour) Mojonnier fat (Flour) Mojonnier fat (Pet food) Neutral detergent fibre (Fibertec) Nitrogen (Combustion) Starch Titanium dioxide Titanium dioxide Total dietary fibre AOAC 920.153/923.03 AOAC 968.08D (prep) / colourimetric analysis AOAC 2003.06 (excluding cooked cereals foods) AOAC 991.36 AOAC 962.09 (modified) AOAC 978.10 (modified) AOAC 968.06 Forage Trading Development Group Revision 1.0:2004 By calculation In-house by GLC based on Sukhija & Palmquist, 1988, Journal Agricultural and Food Chemistry 36: 1202-1206 Advanced Instruments Model 3D2 Bomb calorimeter AOAC 973.18/2002.04 AOAC 930.15/925.10 AOAC 925.10 AOAC 950.46B AOAC 922.06 AOAC 954.02 AOAC 2002.04 AOAC 968.06 AOAC 996.11 Animal Feed Science & Technology 1996:59.4 British Journal of Nutrition 1992:68.3 AOAC 991.43

(f) Dairy products

(milk powder, milk, yoghurt, cheese, colostrum, cream)

Freezing Point Depression (Osmolality) Lactose Mojonnier fat (Milk) Mojonnier fat (Cream) Advanced Instruments Model 3D2 Megazyme kit, AOAC 2006.06 AOAC 989.05 AOAC 995.19

Operations Manager Authorisation:	A Johto-	Issue 31	Date:14/08/24	Page 2 of 4
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Laboratory Accreditation Programmes

Schedule to CERTIFICATE OF ACCREDITATION



Nutrition Loboratory			
Nutrition Laboratory	A serie ditation Number 007		
Chemical Testing Laboratory SCOPE OF ACCREDITATION	Accreditation Number 927		
Total Solids	AOAC 990.19, 990.20 (modified)		
2.36 Agricultural Products and A	aricultural Materials		
2.50 Agricultural Froducts and A	grioururar materials		
(c) Petfoods / Animal feeds (h) Plants			
Acid detergent fibre (Fibertec)	AOAC 973.18		
Ash (Feed)	AOAC 942.05		
Ash (Flour)	AOAC 923.03		
Ash (Meat)	AOAC 920.153/923.03		
Calcium	AOAC 968.08D (prep) / Daytona analysis		
Crude fat (Soxhlet) (Grains, feed)	AOAC 2003.06 (excluding cooked cereals foods)		
Crude fat (Soxhlet) (Meat)	AOAC 991.36		
Crude fibre (Flour)	AOAC 962.09 (modified)		
Crude fibre (Animal feed & pet food)	AOAC 978.10 (modified)		
Crude protein (Combustion)	AOAC 968.06		
Dry matter	Forage Trading Development Group Revision 1.0:2004		
Dry matter	By calculation		
Fatty Acids	In-house by GLC based on Sukhija & Palmquist, 1988, Journal Agricultural and Food Chemistry 36: 1202-1206		
Gross energy	Bomb calorimeter		
Lignin (Fibertec)	AOAC 973.18/2002.04		
Moisture (Feed, forage)	AOAC 930.15/925.10		
Moisture (Flour)	AOAC 925.10		
Moisture (Meat)	AOAC 950.46B		
Neutral detergent fibre (Fibertec)	AOAC 2002.04		
Nitrogen (Combustion)	AOAC 968.06		
Phosphorus Titanium diavida	AOAC 968.08D (prep) / In-house analysis method		
Titanium dioxide Titanium dioxide	Animal Feed Science & Technology 1996:59.4 British Journal of Nutrition 1992:68.3		
Total dietary fibre	AOAC 991.43		
(c) Petfoods / Animal feeds			
Mojonnier fat (Flour)	AOAC 922.06		
Mojonnier fat (Pet food)	AOAC 954.02		
Starch	AOAC 996.11		
Total solids (Dairy waste)	AOAC 990.19, 990.20 (modified)		

2.61 Biological Specimens

(c) Other chemical tests – Blood, urine, faecal samples, animal digesta samples, ground animal carcasses

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Schedule to CERTIFICATE OF ACCREDITATION



Nutrition Laboratory Chemical Testing Laboratory SCOPE OF ACCREDITATION

Accreditation Number 927

Acid detergent fibre (Fibertec) Ash (Feed) Ash (Flour) Ash (Meat) Calcium (excluding serum, plasma and urine) Crude fat (Soxhlet) (Grains, feed) Crude fat (Soxhlet) (Meat) Crude fibre Crude fibre Crude protein (Combustion) Dry matter Freezing Point Depression (Osmolality) Gross energy Lignin (Fibertec) Moisture (Feed, forage) Moisture (Flour) Moisture (Meat) Mojonnier fat Mojonnier fat (Flour) Mojonnier fat (Pet food) Neutral detergent fibre (Fibertec) Nitrogen (Combustion) Titanium dioxide Titanium dioxide Total dietary fibre

AOAC 973.18 AOAC 942.05 AOAC 923.03 AOAC 920.153/923.03 AOAC 968.08D (prep) / Daytona analysis AOAC 2003.06 (excluding cooked cereals foods) AOAC 991.36 AOAC 962.09 (modified) AOAC 978.10 (modified) AOAC 968.06 By calculation Advanced Instruments Model 3D2 Bomb calorimeter AOAC 973.18/2002.04 AOAC 930.15/925.10 AOAC 925.10 AOAC 950.46B AOAC 989.05 AOAC 922.06 AOAC 954.02 AOAC 2002.04 AOAC 968.06 Animal Feed Science & Technology 1996:59.4 British Journal of Nutrition 1992:68.3 AOAC 991.43

References:

AOACAOAC International (Online Edition)ISOInternational Organization for Standardization

Operations	Manager
Auth	orisation:

Date:14/08/24