

CERTIFICATE OF ACCREDITATION



ALS Food NZ

Client Number 9728

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Authorised Representative

Mr Maha Khan
Lab Manager

Programme

Chemical Testing Laboratory

Accreditation Number 1377

Initial Accreditation Date 26 February 2021

Conformance Standard

ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories

Laboratory Services Summary

General Chemistry

2.31 Foods

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General Chemistry

2.31 Foods

(a) Cereals and cereal products

Ash	AOAC 923.03
Moisture	AOAC 945.15 as per AOAC 935.29
Nitrogen (Kjeldahl)	AOAC 945.18
Protein (Kjeldahl)	AOAC 945.18

(c) Nuts, fruits and vegetables and derived products

Ash	AOAC 950.49
Moisture	AOAC 934.01
Nitrogen (Kjeldahl)	AOAC 920.152
Nitrogen (Kjeldahl)	AOAC 950.48
Protein (Kjeldahl)	AOAC 920.152
Protein (Kjeldahl)	AOAC 950.48

(e) Sugars and sugar confectionery

Ash	AOAC 900.2
Ash	AOAC 972.15

(f) Dairy products

(milk, cream, milk powders, caseins and caseinates, whey products, milk protein concentrate, infant formula, protein powder, cultured products, dairy foods, ice cream, UHT milk, AMF, Butter, Cheese)

Acidity	APHA 15.023 (modified)
Ash	AOAC 930.30
Ash	GB 5009.4-2016 Method 1
Ash (caseinates)	ISO 5545 / IDF 90:2008
Ash (milk and milkpowder)	BS 1743:1968
Bulk Density	GEA Niro A 2 a, September 2006
Carbohydrate (by calculation)	AS/NZ Food Standards Code, 1.2.8
Chloride (excluding low level)	ISO 21422 / IDF 242:2018
Chloride	ISO 5943 / IDF 88:2006
Chloride	ISO 21422 / IDF 242:2018
Chloride	ISO 15648 / IDF 179:2004
Fat (RG)	ISO 1211 / IDF 1:2010
Fat (RG)	ISO 1736 / IDF 9:2008
Fat (RG)	ISO 2450 / IDF 16:2008
Fat (SBR)	ISO 1735 / IDF 5:2004
Fat (SBR)	ISO 5543 / IDF 127:2004

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Fat (RG) (low levels)	ISO 7208 / IDF 22:2008 (modified)
Fat by difference (by calculation)	ISO 8851-3 / IDF 191-3:2004
Foreign Matter	AS 2300.4.5-1994
Foreign Matter	ISO 5739 / IDF 107:2003
Foreign Matter	AS 2300.4.5-1994 (modified)
Foreign Matter	AS 2300.4.5-1994
Foreign Matter	ISO 5739 / IDF 107:2003 (modified)
Free Fatty Acids	AOCS Ca 5a-40: 2017
Impurities	GB 5413.30-2016
Inhibitory Substances	DelvoTest SP NT
Insolubility Index	ISO 8156 / IDF 129:2014
Moisture	AS 2300.1.1
Moisture	GB 5009.3:2016 Method I
Moisture	IDF 26A:1993 (superseded)
Moisture	ISO 5550 / IDF 78:2006
Moisture	ISO 8851-1 / IDF 191-1:2004
Nitrate	ISO 14673-3 / IDF 189-3:2004
Nitrite	ISO 14673-3 / IDF 189-3:2004
Nitrogen (Kjeldahl)	ISO 8968-1 / IDF 20-1:2014
Peroxide value (AMF)	ISO 3976 / IDF 74:2006
pH	APHA 15.023 (modified)
pH	ISO 7238 / IDF 104:2004
Protein (Kjeldahl)	ISO 8968-1 / IDF 20-1:2014
Salt	ISO 5943 / IDF 88:2006
Salt	ISO 21422 / IDF 242:2018
Salt	ISO 15648 / IDF 179:2004
Scorched Particles	AS 2300.4.5-1994
Scorched Particles	AS 2300.4.5-1994 (modified)
Scorched Particles	ISO 5739 / IDF 107:2003
Scorched Particles	ISO 5739 / IDF 107:2003 (modified)
Solids Non-fat	ISO 8851-2 / IDF 191-2:2004
Total Solids	ISO 6731:2010
Total Solids	ISO 5534:2004
Water Content (Karl Fischer)	ISO 12779 / IDF 227:2011
Water Content (Karl Fischer)	ISO 5536 / IDF 23:2009
Whey Protein Nitrogen Index (WPNI)	AS 2300.4.8-1994 (modified)

(g) Meat, poultry and derived products

Ash	AOAC 920.153
Moisture	AOAC 950.46
Moisture	AOAC 950.46 as per AOAC 935.29
Moisture	AOAC 930.15
Nitrogen (Kjeldahl)	AOAC 928.08
Protein (Kjeldahl)	AOAC 928.08

(h) Fish and fish products

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Ash AOAC 938.08
 Moisture AOAC 952.08

(l) Food additives and supplements

(non-dairy protein powders, fibre supplements, protein and peptide-based additives)


Moisture GB 5009.3:2016 Method I
 Nitrogen (Kjeldahl) ISO 8968-1: IDF 20-1 (modified)
 Protein (Kjeldahl) ISO 8968-1: IDF 20-1 (modified)

(o) Other specified foods (honey)

Foreign Matter AS 2300.4.5: 1994 (modified)
 Foreign Matter ISO 5739 / IDF 107:2003 (modified)
 Free Acidity AOAC 962.19
 Moisture (Karl Fischer) Merck Aquastar – one component
 pH AOAC 962.19

References:

- AOCS American Oil Chemists' Society
- APHA American Public Health Association Standard Methods for the Examination of Dairy Products 17th Edition
- AS Australian Standards
- BS British Standard
- GB National Standard of the People's Republic of China
- ISO International Organization for Standardization

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