



Accreditation No. 2726

Accredited for compliance with
ISO/IEC 17025 - Testing

Feed Analysis Report

Replacement Report

Job No: **J2406-2014**

Date Issued: 05-Jul-2024

Report Number: 316867

This report replaces Report Number: 316049

Attention: Tom Whitehouse
Client: Integra Foods Pty Ltd
Address: 67 South Tce
Adelaide SA 5000

Purchase Order: None
Date Sampled: 19-Jun-2024
Date Received: 25-Jun-2024

The following sample was analysed:

Sample ID	Your Reference	#P12
S24-0074685	Sample Type	Faba Beans
	Description	Faba Protein Concentrate 60%

Analysis of this sample conducted between 25-Jun-2024 and 01-Jul-2024

Analysis Results

Determinant	Result Value
Acid Detergent Fibre (FT005) ^	
S24-0074685 Acid Detergent Fibre	2.4 % of dry matter
Ash (TP/024)	
S24-0074685 Ash (dmb)	5.9 % of dry matter
Metabolisable Energy (Atwater) (TP/FT008) ^	
S24-0074685 Atwater energy	324.9 kcal/100g dry matter
Chloride (TP/192) ^	
S24-0074685 Chloride.	0.15 % of dry matter
Pig Digestible Energy (TP/FT008) ^	
S24-0074685 Energy (Pig)	16.5 MJ/kg DM
Poultry Metabolisable Energy (TP_FT_008) ^	
S24-0074685 Energy (Poultry)	13.2 MJ/kg DM
Metabolisable Energy (MAFF) (TP/FT008) ^	
S24-0074685 Metabolisable Energy	14.2 MJ/kg DM
S24-0074685 Metabolisable Energy.	3.4 MCal/kg Dry Matter
Metabolisable Energy = (0.152 x Crude Protein) + (0.342 x Fat) +(0.128 x Crude Fibre) + (0.159 x NFE)	
Fat by Acid Hydrolysis (TP/050)	
S24-0074685 Fat (dmb)	4.6 % of dry matter
Crude Fibre (TP/098)	
S24-0074685 Crude Fibre (dmb)	0.7 % of dry matter
Neutral Detergent Fibre (FT006) ^	
S24-0074685 Neutral Detergent Fibre	10.5 % of dry matter
NFE	
S24-0074685 NFE	12.3 % of dry matter
Protein by Leco (TP/029)	



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S24-0074685	Protein (N x 6.25)	69.2 % of dry matter
Starch (TP/037) ^		
S24-0074685	Total Starch	0.6 % of dry matter
Sugar Profile (TP/036) ^		
S24-0074685	Total Free Sugars (DMB)	1.4 % of dry matter
Dry Matter (TP_FT_002) ^		
S24-0074685	Dry Matter	92.8 %
S24-0074685	Moisture	7.2 %
Dietary Cation-Anion Difference (TP_FT_008) ^		
S24-0074685	DCAD ((Na+K)-(Cl+S))	235 mequiv/Kg Dry Matter
Horse DE (TP/FT/008) ^		
S24-0074685	Horse DE	16.5 MJ/kg DM
Metals - ICP (TP/394) ^		
S24-0074685	Aluminium	<2.0 mg/kg of dry matter
S24-0074685	Arsenic	<0.010 mg/kg of dry matter
S24-0074685	Boron	14 mg/kg of dry matter
S24-0074685	Calcium	1000 mg/kg of dry matter
S24-0074685	Cadmium	0.013 mg/kg of dry matter
S24-0074685	Cobalt	2.2 mg/kg of dry matter
S24-0074685	Copper	25 mg/kg of dry matter
S24-0074685	Iron	75 mg/kg of dry matter
S24-0074685	Potassium	20000 mg/kg of dry matter
S24-0074685	Magnesium	2100 mg/kg of dry matter
S24-0074685	Manganese	29 mg/kg of dry matter
S24-0074685	Molybdenum	2.8 mg/kg of dry matter
S24-0074685	Sodium	110 mg/kg of dry matter
S24-0074685	Phosphorus	12000 mg/kg of dry matter
S24-0074685	Lead	0.013 mg/kg of dry matter
S24-0074685	Sulphur	4000 mg/kg of dry matter
S24-0074685	Selenium	0.13 mg/kg of dry matter
S24-0074685	Zinc	76 mg/kg of dry matter
Mercury (TP/394)		
S24-0074685	Mercury	<0.010 mg/kg



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The sample(s) referred to in this report were analysed for the following determinant(s):

Analysis	Method	Laboratory
Dietary Cation-Anion Difference	TP_FT/008	FeedTest Laboratory - Werribee, VIC
Horse DE	TP_FT/008	FeedTest Laboratory - Werribee, VIC
Mercury	TP/394	Food Safety Laboratory - Werribee, VIC
Metals - ICP	TP/394	Food Safety Laboratory - Werribee, VIC
Sugar Profile	TP/036	Quality and Milling Laboratory - Werribee, VIC
Neutral Detergent Fibre	TP_FT/006	Quality and Milling Laboratory - Werribee, VIC
Crude Fibre	TP/098	Quality and Milling Laboratory - Werribee, VIC
Chloride	TP/192	Quality and Milling Laboratory - Werribee, VIC
Fat by Acid Hydrolysis	TP/050	Quality and Milling Laboratory - Werribee, VIC
NFE	TP_FT/008	Quality and Milling Laboratory - Werribee, VIC
Metabolisable Energy (MAFF)	TP_FT/008	Quality and Milling Laboratory - Werribee, VIC
Ash	TP/024	Quality and Milling Laboratory - Werribee, VIC
Dry Matter	TP_FT/002	Quality and Milling Laboratory - Werribee, VIC
Protein by Leco	TP/029	Quality and Milling Laboratory - Werribee, VIC
Metabolisable Energy (Atwater)		Quality and Milling Laboratory - Werribee, VIC
Pig Digestible Energy	TP_FT/008	Quality and Milling Laboratory - Werribee, VIC
Starch	TP/037	Quality and Milling Laboratory - Werribee, VIC
Poultry Metabolisable Energy	TP_FT/008	Quality and Milling Laboratory - Werribee, VIC
Acid Detergent Fibre	TP_FT/005	Quality and Milling Laboratory - Werribee, VIC

Note: This report is not to be reproduced except in full.

Please refer to the following link for the measurement of uncertainty values for all NATA accredited analysis

<https://services.awta.com.au/AFTMeasurementUncertainty/index.php>

^ - NATA Accreditation does not cover the performance of this test/Component.

The results in this report were authorised by:

Name	Title	Name	Title
Joanne Warnes	Client Liaison FeedTest		



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