Agrifood TECHNOLOGY

FEEDTEST
Under license from AVS

NATA
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:	316868
This report replaces Report Number:	316867

Attention:	Tom Whitehouse	*Purchase Order:*	None
Client:	Integra Foods Pty Ltd	*Date Sampled:*	19-Jun-2024
Address:	67 South Tce Adelaide SA 5000	*Date Received:*	25-Jun-2024

The following sample was analysed:

Sample ID		
S24-0074686	Your Reference	#S13
	Sample Type	Faba Beans
	Description	Faba Starch Enriched Flour

Analysis of this sample conducted between 25-Jun-2024 and 27-Jun-2024

Analysis Results

Determinant		Result Value
Acid Detergent Fibre (FT005) ^		
S24-0074686	Acid Detergent Fibre	1.0 % of dry matter
Ash (TP/024)		
S24-0074686	Ash (dmb)	1.8 % of dry matter
Metabolisable Energy (Atwater) (TP/FT008) ^		
S24-0074686	Atwater energy	322.1 kcal/100g dry matter
Chloride (TP/192) ^		
S24-0074686	Chloride.	0.15 % of dry matter
Pig Digestible Energy (TP/FT008) ^		
S24-0074686	Energy (Pig)	15.9 MJ/kg DM
Poultry Metabolisable Energy (TP_FT_008) ^		
S24-0074686	Energy (Poultry)	15.4 MJ/kg DM
Metabolisable Energy (MAFF) (TP/FT008) ^		
S24-0074686	Metabolisable Energy	14.4 MJ/kg DM
S24-0074686	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)		
S24-0074686	Fat (dmb)	1.4 % of dry matter
Crude Fibre (TP/098)		
S24-0074686	Crude Fibre (dmb)	<0.1 % of dry matter
Neutral Detergent Fibre (FT006) ^		
S24-0074686	Neutral Detergent Fibre	4.3 % of dry matter
NFE		
S24-0074686	NFE	69.5 % of dry matter
Protein by Leco (TP/029)		

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S24-0074686	Protein (N x 6.25)	19.2 % of dry matter
Starch (TP/037) ^		
S24-0074686	Total Starch	64.8 % of dry matter
Sugar Profile (TP/036) ^		
S24-0074686	Total Free Sugars (DMB)	1.7 % of dry matter
Dry Matter (TP_FT_002) ^		
S24-0074686	Dry Matter	91.6 %
S24-0074686	Moisture	8.4 %
Dietary Cation-Anion Difference (TP_FT_008) ^		
S24-0074686	DCAD ((Na+K)-(Cl+S))	100 mequiv/Kg Dry Matter
Horse DE (TP/FT/008) ^		
S24-0074686	Horse DE	17.2 MJ/kg DM
Metals - ICP (TP/394) ^		
S24-0074686	Aluminium	<2.0 mg/kg of dry matter
S24-0074686	Arsenic	<0.010 mg/kg of dry matter
S24-0074686	Boron	3.8 mg/kg of dry matter
S24-0074686	Calcium	290 mg/kg of dry matter
S24-0074686	Cadmium	<0.010 mg/kg of dry matter
S24-0074686	Cobalt	0.56 mg/kg of dry matter
S24-0074686	Copper	6.9 mg/kg of dry matter
S24-0074686	Iron	54 mg/kg of dry matter
S24-0074686	Potassium	8600 mg/kg of dry matter
S24-0074686	Magnesium	620 mg/kg of dry matter
S24-0074686	Manganese	8.9 mg/kg of dry matter
S24-0074686	Molybdenum	0.67 mg/kg of dry matter
S24-0074686	Sodium	44 mg/kg of dry matter
S24-0074686	Phosphorus	3800 mg/kg of dry matter
S24-0074686	Lead	<0.010 mg/kg of dry matter
S24-0074686	Sulphur	1300 mg/kg of dry matter
S24-0074686	Selenium	<0.10 mg/kg of dry matter
S24-0074686	Zinc	20 mg/kg of dry matter
Mercury (TP/394)		
S24-0074686	Mercury	<0.010 mg/kg

Australian Wool Testing Authority Ltd - Trading as Agrifood Technology Pty Ltd ABN 43 006 014 106
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Telephone 1300 655 474 Email feed.test@agrifood.com.au

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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**		

Issued from Site : 2719

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