



Lupin FLAKE Technical Data Sheet

Origin: Western Australia

Legume: Healthy GM free, mature food grade Australian Sweet Lupin seed (*L. Angustifolius*)

Shelf Life: 18 months – if stored cool, dark and dry

Packaging:

- a) Shelf ready retail pack – 400gm
- b) Food service pack – 5kg
- c) Bulk bag – approx. 500kg

Compositional Analysis	Range
Moisture (%)	9-10
Water Activity (Aw)	0.378
Protein (%)	38-41
Fat (%)	6-7
- Saturated fat (% of Fat)	20
- Polyunsaturated fat (% of Fat)	45
- Monounsaturated fat (% of Fat)	35
- Cholesterol (%)	0
Ash (%)	3-4
Digestible Carbohydrates (%)	2.5-4
Dietary Fibre (%)	36-39
Calcium (mg/100g)	150
Sodium (mg/100g)	30
Potassium (mg/100g)	810
Food Standards Australia and New Zealand*	
Alkaloids (%)	<0.02
Phomopsin (ppm)	<5

Amino acid profile for Lupin Protein	
Amino Acids	(g/100g)
Alanine	1.4
Arginine	4.8
Aspartic acid	4.5
Cysteine	0.7
Glutamic acid	9.0
Glycine	1.6
Histidine	1.0
Isoleucine	1.6
Leucine	2.9
Lysine	1.5
Methionine	0.3
Phenylalanine	1.5
Proline	2.3
Serine	2.1
Threonine	1.8
Tryptophan	not analysed
Tyrosine	1.6
Valine	1.5
Cyst + Meth	1.0
Tyr + Phen	3.1

*Independent NATA accredited laboratories are utilised at all times for compliance with the Foods Standards Australia & New Zealand Codes in particular 1.4.1 Clause 3 and Standard 1.4.1 Clause 5