



## REPORT OF ANALYSIS

### SGS Agriculture Food and Life

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**Job Number:** INTEGRA  
**Report Date:** 06/05/2025

**Commodity** : Flour  
**Description of Goods** : Faba Bean Protein Concentrate  
**Sample reference:** : P40  
**Laboratory reference** : J2504-0580

<u>Analysis</u>		<u>Results</u>	<u>UOM</u>
FC0009	Total Fat	4.9	g/100 g
FC0010	Free Fatty Acid	5	%
FC0015	Peroxide Value	<0.1	meq O <sub>2</sub> /kg of fat
FC0018	Water Activity	0.31	Aw @ 20oC
FC5007	Starch	0.7	%
FC0001	Moisture (Air drying)	6.2	g/100 g
FC0003	Ash	4.81	g/100 g
FC0006	Carbohydrates	4.7	g/100 g
FC0007	Total Sugars	1.7	g/100 g
FC0014	Sulphur dioxide - Total	<5	mg/kg
FC0016	Energy	1450	kJ/100 g
FC0017	Salt (NaCl)	<0.5	%
FC0021	Total Dietary Fibre	17.7	g/100g
FC0022	Monounsaturated Fatty Acids	1.2	g/100g
FC0022	Polyunsaturated Fatty Acids	2.8	g/100g
FC0022	Saturated Fatty Acid	0.9	g/100g
FC0022	Trans Fatty Acids	<0.1	g/100g
FC0024	Gluten Residue 1	Not detected = <5.0	mg/kg of Gluten
FC0033	Soy Residue	Not detected = <2.5	PPM
FC0039	Sodium	10	mg/100 g
FC0039	Zinc	8.1	mg/kg



<b>Analysis</b>		<b>Results</b>	<b>UOM</b>
FC0068	Aflatoxin B1	<1.0	µg/kg
FC0068	Aflatoxin B2	<1.0	µg/kg
FC0068	Aflatoxin G1	<1.0	µg/kg
FC0068	Aflatoxin G2	<1.0	µg/kg
FC0068	Total Aflatoxins	<4.0	µg/kg
FC0086	Protein (Dumas)	61.6	g/100 g
FC0114	Selenium	<0.10	mg/kg
<b>Microbiology</b>			
Total Plate Count (TPC)		1600	CFU/G
Yeast Count		<10	CFU/G
Mould Count		~40	CFU/G
Coliform		<10	CFU/G
E. Coli		<10	CFU/G
Salmonella		Not detected	CFU/G
Staph. Aureus		<100	CFU/G
<b>Heavy Metals</b>			
ARSENIC (As)		0.026	PPM
CADMIUM (Cd)		<0.010	PPM
LEAD (Pb)		<0.010	PPM
MERCURY (Hg)		<0.010	PPM



## Declarations

***Sample tested as received from the commodity as a submitted sample according to the statement of the shipper.***

**The analyses presented in the report refer exclusively to the samples analysed.  
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**For and on behalf of SGS Australia Pty Ltd**

*Sandra George*  
Sandra George

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