



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 Starch Concentrate
Sample reference: : S40
Laboratory reference : J2504-0580

<u>Analysis</u>		<u>Results</u>	<u>UOM</u>
FC0009	Total Fat	1.6	g/100 g
FC0010	Free Fatty Acid	1.7	%
FC0015	Peroxide Value	<0.1	meq O ₂ /kg of fat
FC0018	Water Activity	0.35	Aw @ 20oC
FC5007	Starch	66.0	%
FC0001	Moisture (Air drying)	7.8	g/100 g
FC0003	Ash	2.00	g/100 g
FC0006	Carbohydrates	62.7	g/100 g
FC0007	Total Sugars	2.2	g/100 g
FC0014	Sulphur dioxide - Total	<5	mg/kg
FC0016	Energy	1510	kJ/100 g
FC0017	Salt (NaCl)	<0.5	%
FC0021	Total Dietary Fibre	5.8	g/100g
FC0022	Monounsaturated Fatty Acids	0.4	g/100g
FC0022	Polyunsaturated Fatty Acids	0.9	g/100g
FC0022	Saturated Fatty Acid	0.3	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	4.3	mg/100 g
FC0039	Zinc	2,4	mg/kg



Analysis		Results	UOM
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)	20.0	g/100 g
FC0114	Selenium	<0.10	mg/kg
Microbiology			
Total Plate Count (TPC)		4400	CFU/G
Yeast Count		<10	CFU/G
Mould Count		~30	CFU/G
Coliform		<10	CFU/G
E. Coli		<10	CFU/G
Salmonella		Not detected	CFU/G
Staph. Aureus		<100	CFU/G
Heavy Metals			
ARSENIC (As)		0.011	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
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