

Pea Protein Isolate Specification Sheet

Certificate of Analyses

Item	Specification	Test Result	Test Method
Appearance:	Light Beige powder	Compliant	Visible
Taste & Odor	Characteristic	Compliant	Organ
Particle size	90% pass 100 mesh	95% pass 100 mesh	Complies
Protein	≥ 85.0%	85.6%	Kjeldahl Method
Moisture (g/100g)	≤ 10.0%	6.1%	GB 5009.3-2016
Fat (dry basis) (g/100g)	≤ 10.0%	3.8%	GB 5009.6-2016
Ash (g/100g)	≤ 8.0%	3.6%	GB 5009.4-2016
Impurities analysis			
Pesticide residual (mg/kg)	(EC) No. 396/2005	Conforms	BS EN 15662:2018
Melamine (mg/kg)	<0.05ppm	Conforms	GB/T 22288-2008
Ochratoxin A (ppb)	<5 ppb	1.21 ppb	DIN EN14123, mod.
AflatoxinB1+B2+G1+G2 (ppb)	<4 ppb	0.78 ppb	DIN EN14123, mod.
Cyanuric acid (mg/kg)	2.5 mg/kg	Not detected	GB/T 22288-2008
GMO	<0.01 mg/kg	Not detected	Internal method real-time PCR
Soy allergen (ppm)	<2.5 ppm	<2.5 ppm	ELISA
Gluten allergen	<20 ppm	<20 ppm	ELISA
Heavy metals analysis			
Arsenic (mg/kg)	<0.5 mg/kg	0.05 mg/kg	BS EN ISO17294-2 2016
Cadmium (mg/kg)	<0.2 mg/kg	0.09 mg/kg	BS EN ISO17294-2 2016
Lead (mg/kg)	<0.2 mg/kg	0.18 mg/kg	BS EN ISO17294-2 2016
Mercury (mg/kg)	<0.1 mg/kg	<0.01 mg/kg	BS EN 13806:2002
Microbiological analysis			
Total plate count (cfu/g)	<3000 cfu/g	Conforms	GB 4789.2-2016
Yeast & Mould (cfu/g)	<100 cfu/g	<30 cfu/g	GB 4789.15-2016
Coliforms (cfu/g)	<30 cfu/g	<20 cfu/g	GB 4789.3-2016
E.coli (cfu/g)	Negative/10g	Not Detected	ISO 16649-2-2001
Salmonella	Negative/25g	Not Detected	GB 4789.4-2016
Staphylococcus aureus	Negative/25g	Not Detected	GB 4789.10-2016
Conclusions	Compliant with specifications		
Storage	Cool, ventilated and dry place		
Packing	20 kg/bag, 500 kg/pallet		