

Rice Protein Isolate Specification Sheet

Certificate of Analyses

Item	Specification	Test Result	Test Method
Appearance:	Light yellow powder	Compliant	Visible
Taste & Odor	Characteristic	Compliant	Organ
Particle size	90% pass 300 mesh	95% pass 300 mesh	Complies
Protein (dry basis) (NX 6.25) (g/100g)	≥ 85.0%	85.3%	GB 5009.5-2016
Moisture (g/100g)	≤ 10.0%	5.43%	GB 5009.3-2016
Fat (dry basis) (g/100g)	≤ 7.0%	4.6%	GB 5009.6-2016
Ash (g/100g)	≤ 5.0%	1.56%	GB 5009.4-2016
Dietary fiber, g/100g	≤ 10.0%	4.4%	GB 5009.88-2014
Total carbohydrate	≤ 8.0%	5.6%	GB 5009.8-2016
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	0.06 ppb	DIN EN14123, mod.
AflatoxinB1+B2+G1+G2 (ppb)	<4 ppb	0.73 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)	<1.0 mg/kg	0.05 mg/kg	BS EN ISO17294-2 2016
Cadmium (mg/kg)	< 0.2 mg/kg	0.15 mg/kg	BS EN ISO17294-2 2016
Lead (mg/kg)	<0.2 mg/kg	0.16 mg/kg	BS EN ISO17294-2 2016
Mercury (mg/kg)	< 1.5 mg/kg	<0.01 mg/kg	BS EN 13806:2002
Microbiological analysis			
Total plate count (cfu/g)	< 10000 cfu/g	800 cfu/g	GB 4789.2-2016
Yeast & Mould (cfu/g)	< 100 cfu/g	< 10.0 cfu/g	GB 4789.15-2016
Coliforms (cfu/g)	< 30 cfu/g	< 3.0 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	N.D.	Not Detected	GB 4789.10-2016
Conclusions	Compliant with specifications		
Storage	Cool, ventilated and dry place		
Packing	20 kg/bag, 500 kg/pallet		