

## Specification Sheet

<b>Product Name</b>	Rice Protein 80% 600 mesh
<b>Description</b>	Non-GMO vegan protein, obtained by wet milling, separation, concentration and drying
<b>Customs Code(HS)</b>	3504 009 000
<b>Certification</b>	EOS&NOP Organic, Kosher, Halal, ISO9001, ISO22000, BRC
<b>Packaging</b>	20/25 kgs kraft bag with plastic inner
<b>Raw Material</b>	Oryza Sativa (subsp. japonica)
<b>Storage Precautions</b>	Product has to be stored in its unopened original packaging in a dry place, free from odours, insects and rodents. Under these conditions the product can be stored for 2 years.

<b>Product name</b>	Organic Rice Protein Powder	<b>Batch No.</b>	yyymmdd
<b>Spec</b>	Protein content, mesh size	<b>Shelf life</b>	24 months

Organoleptic Evaluation	Description
Color & Taste	Powder of faint yellow 、 uniformity and relax 、 no agglomeration or mildew, no foreign matters with naked eye
Organoleptic	No special taste and odour
Fineness	600 mesh
PH 5.5-7.5	Qualified

Items	Unit	Criterion	Test Methods
Protein	%	≥80	GB 5009.5-2010
Fat	%	≤8	GB/T 5009.6-2003
Moisture	%	≤5	GB 5009.3-2010 First method
Ash	%	≤5	GB 5009.4-2010
Fiber	%	≤5	GB/T 5009.88-2008
Mesh Size	Mesh	600	US Sieve Size

Total Carbohydrate	%	≤8	GB/T 5009.8-2008
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## Safety & Nutrition Sheet

Items	Unit	Criterion	Test Methods
Pb(lead)	ppm	≤0.2	EN ISO 17294-2 2005 mod
Hg(mercury)	ppm	≤0.05	BS EN 13806:2002
Cd(cadmium)	ppm	≤0.3	EN ISO 17294-2 2005 mod
As(arsenic)	ppm	≤0.2	EN ISO 17294-2 2005 mod
Total Heavy metals	ppm	≤20	EN ISO 17294-2 2005 mod
*Melamine	ppm	N.D.	FDA LIB No. 4422,modified
*Cyanuric Acid	---	N.D.	FDA LIB 4422
Pesticides	ppm	≤0.01	BS EN 16552:2018
*Gluten	ppm	≤5	RIDASCREEN Competitive
*Soya Protein	ppm	≤5	r-BioPharm ELISA
*GMO(bt63)	%	≤0.01	35S promoter,NOS terminator,Cry1Ab/Ac gene
Total plate count	cfu/g	≤5000	GB 4789.2-2010
Coliforms	cfu/g	≤30	GB 4789.3-2010
Mold & yeast	cfu/g	≤50	GB 4789.15-2010
E.Coli	cfu/g	N.D.	AOAC 991.14
*Salmonella	---	N.D.	AOAC 2003.09
*S.Aureus	cfu/g	N.D.	USP <2022>
*Aflatoxin	ppb	B1≤2 ppb Total B1,B2,G1&G2 ≤ 4 ppb	internal method based on EN 14123
*Ochratoxin A	ppb	≤5	DIN EN 14132 mod

ALL parameters with \* in front have been approved qualified and stable. Those won't be tested every batch unless special requested.

## Amino Acids Sheet

Amino acids	Essential	Unit	Data
Alanine	×	g/100g	4.90
Arginine	×		6.39
Aspartic Acid	×		7.43

<b>Glutamic Acid</b>	×	14.67
<b>Glycine</b>	×	3.04
<b>Histidine</b>	×	2.83
<b>Proline</b>	×	3.57
<b>Serine</b>	×	3.87
<b>Tyrosine</b>	×	4.11
<b>Cystine</b>	√	0.98
<b>Isoleucine</b>	√	3.41
<b>Leucine</b>	√	6.57
<b>Phenylalanine</b>	√	4.18
<b>Threonine</b>	√	3.16
<b>Total Lysine</b>	√	2.79
<b>Valine</b>	√	3.74
<b>Methionine</b>	√	3.2
<b>Tryptophan</b>	√	1.19
Hydrolyzed amino acid(18 kinds)	---	80.02
Essential amino acid(9kinds)	√	29.22

Test Methods: Amino Acids by AH (AOAC, Most Matrices), AOAC 982.30 mod., LC-UV/VIS  
Cystine & Methionine (AOAC, Most Matrices), AOAC 994.12 mod., LC-FLD

\*\*\*All values typical, not to be construed as specifications\*\*\*