

Specification Sheet

Version:20220614

Product Name	Rice Protein Powder (D80)
Description	Non-GMO vegan protein, obtained by wet milling, separation, concentration and drying
Certification	Kosher, Halal, ISO9001, ISO22000, BRC
Packaging	20/25 kgs kraft bag with plastic inner
Raw Material	Oryza Sativa (subsp. japonica)
Storage Precautions	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.

Product name	Rice Protein Powder (D80)	Batch No.	yyyymmdd
Spec	Protein content, mesh size	Shelf life	24 months

Organoleptic Evaluation	Description
Appearance	Powder of faint yellow 、 uniformity 、 no agglomeration or mildew, no foreign matters with naked eye
Organoleptic	No special taste and odour
Particle Size	80% through 300 mesh
PH 5.5-7.5	Qualified

Items	Unit	Criterion	Test Methods
Protein	%	≥80	AOAC 984.13 1994
Fat	%	≤8	AOAC 963.15 1973
Moisture	%	≤5	AOAC 935.29 1935
Ash	%	≤5	AOAC 923.03 1923
Fiber	%	≤5	AOAC 991.43 1994
Total Carbohydrate	%	≤8	Regulation (EU) No 1169/2011 of the European parliament and of the Council of 25 October 2011, Article31, page 35.

Safety & Nutrition Sheet

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Items	Unit	Criterion	Test Methods
Pb(lead)	ppm	≤0.2	BS EN ISO 17924-2 2016 mod
Hg(mercury)	ppm	≤0.05	BS EN ISO 17924-2 2016 mod
Cd(cadmium)	ppm	≤0.15	BS EN ISO 17924-2 2016 mod
As(arsenic)	ppm	≤0.2	BS EN ISO 17924-2 2016 mod
*Total heavy metal	ppm	≤20	BS EN ISO 17924-2 2016 mod
*Melamine	ppm	<0.1	FDA LIB No.4421-2008
*Cyanuric Acid	---	N.D.	FDA LIB 4422
Ethylene oxide & 2-chloroethanol	ppm	<0.01	Internal Method (ESS-TP-8703 V2 2022)
*Gluten	ppm	≤5	R-Biopharm RIDASCREEN® Gliadin R7001 2021
*Soya Protein	ppm	≤2.5	Neogen 8410 Veratox® Soy allergen Quantitative Test V-Soy-ES_0518
GMO(bt63)	%	≤0.01	Internal Method (ESD-TP-1005)
Total plate count	cfu/g	≤5000	ISO 4833-1:2013
Coliforms	cfu/g	≤10	ISO 21528-2-2017
Mold & yeast	cfu/g	≤50	ISO 21527-2:2018
*E.Coli	---	N.D. in 1g	ISO 16649-2:2001
*Salmonella species	---	N.D. in 25g	ISO 6579-1:2017
*Enterobacteriaceae	cfu/g	<10	ISO 21528-2-2017
*S.Aureus	---	N.D. in 1g	ISO 6888-1:2021
*B. cereus	cfu/g	<10	ISO 7932:2004/Amd 1:2020
*Aflatoxin	ppb	B1≤2 ppb Total B1,B2,G1&G2 ≤ 4 ppb	DIN EN 14123:2008:03
*Ochratoxin A	ppb	≤3	DIN EN 14132-2009

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

*****END OF SPECIFICATION*****

All Following information are typical, not to be construed as specifications.

All values typical, not to be construed as specifications

Nutritional information	/100g	
Caloric content	403	kcal
Total Fat	5.23	g
Saturated Fat	1.05	g
Trans Fat	0	g
Carbohydrates (total)	9.81	g
Dietary Fiber	4.9	g
Sugar	0	g
Other carbohydrates	0	g
Protein	82.8	g
K(Potassium)	25.6	mg
Ca(Calcium)	55	mg
P(Phosphorus)	590	mg
Mg(Magnesium)	33.6	mg
Fe(Iron)	40	mg
Na(Sodium)	185	mg

Amino Acids Sheet

Amino acids	Essential	Unit	Data
Alanine	×	g/100g	4.90
Arginine	×		6.39
Aspartic Acid	×		7.43
Glutamic Acid	×		14.67
Glycine	×		3.04
Histidine	×		2.83
Proline	×		3.57
Serine	×		3.87
Tyrosine	×		4.11
Cystine	√		0.98
Isoleucine	√		3.41
Leucine	√		6.57
Phenylalanine	√		4.18
Threonine	√		3.16
Total Lysine	√		2.79
Valine	√		3.74
Methionine	√		3.2
Tryptophan	√		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

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