

TEST REPORT

Name of product: Rice Protein Concentrate

Product code: 80RP

Production date: 2021/02/21

No.	Test Item	Unit	Specs	Test result	Test Method
1	pH (5% solution in water at 28-30°C)	-	5.5-7.5	5.64	PD100092
2	Moisture	% (w/w)	Max 6	4.6	PD100139
3	Fat	% (w/w)	5-10	8.42	TCVN 6688-1:2007
4	Protein (Dry basis)	% (w/w)	Min 80	84	PD100115
5	Carbohydrate	% (w/w)	5-15	5.47	AOAC 2012 (986.25)
6	Ash insoluble in HCl	% (w/w)	Max 1	0.85	TCVN 5484:2002

Note: Shelf life of product: 24 months.

AMINO ACIDS

Amino acids composition of 80RP (g/100g) and daily recommended allowance (DRA) FAO/WHO for human child and adult:

Amino acids	Unit	WHO (Child)	WHO (Adult)	80RP
Alanine	g/100g			3.06
Aspartic acid	g/100g			5.81
Glutamic acid	g/100g			11.18
Glycine	g/100g			3.39
Histidine	g/100g	1.90	1.60	2.46
Isoleucine (BCAA)	g/100g	2.80	1.30	3.65
Leucine (BCAA)	g/100g	6.60	1.90	8.05
Lysine	g/100g	5.80	1.60	3.07
Methionine	g/100g	2.70 ^b	1.70 ^b	1.57
Phenylalanine	g/100g	6.30 ^c	1.90 ^c	5.09
Proline	g/100g	-	-	2.78
Serine	g/100g	-	-	2.12
Threonine	g/100g	3.40	0.90	2.06
Tyrosine	g/100g			4.49
Valine (BCAA)	g/100g	3.50	1.30	6.93
Total	g/100g	33.0	12.2	65.71