Supplementary info 2: Amino acid (AA) composition of PPI, PPC, LPI and LPC. Amino acid residues (AAR*) (g/100 g (d.m.)) were calculated by multiplying the quantity of AA (expressed in mol/100 g (d.m.)) by their anhydrous molecular weight (g/mol). The nitrogen content was calculated by multiplying the weight of AAR* by the amount of nitrogen per AAR*. Non-protein nitrogen stems from the difference between Dumas results and nitrogen content from the AA composition. The specific nitrogen to protein (N:P) conversion factor was calculated by dividing the total of weight of AAR* by the total nitrogen from the AA composition.

Amino acids *(g / 100g of powder (dry basis))*	**PPI**	**PPC**	**LPI**	**LPC**
Alanine	3.28	2.00	2.76	1.62
Cysteine	0.76	0.59	1.14	0.47
Aspartic acid	3.66	2.16	3.70	2.06
Glutamic acid	8.53	5.13	11.57	6.25
Phenylalanine	4.41	2.45	3.71	1.98
Glycine	3.10	1.90	3.52	2.07
Histidine	1.88	1.18	2.10	1.17
Isoleucine	3.85	2.09	4.00	2.16
Lysine	6.00	3.63	3.91	2.34
Leucine	6.85	3.72	6.76	3.33
Methionine	0.83	0.43	0.48	0.27
Asparagine	5.72	3.38	5.35	2.98
Proline	3.38	2.00	3.52	1.98
Glutamine	4.60	2.77	8.44	4.56
Arginine	6.47	4.17	9.53	5.77
Serine	4.03	2.27	4.10	2.25
Threonine	2.91	1.81	2.86	1.62
Valine	4.13	2.27	3.43	1.89
Tryptophan	0.58	0.39	0.68	0.39
Tyrosine	3.10	1.81	3.24	2.07
Total *(g of AA for 100g of powder (dry basis))*	***78.07***	***46.12***	***84.78***	***47.26***
Sum of the weight of AAR* *(g / 100g of powder (dry basis))*	***67.34***	***39.79***	***73.29***	***40.86***
Nitrogen content from AA composition *(g / 100g of powder (dry basis))*	***11.91***	***7.14***	***13.41***	***7.58***
Nitrogen content from Dumas *(g / 100g of powder (dry basis))*	***12.36***	***7.81***	***13.82***	***8.02***
Calculated non-protein nitrogen *(g / 100g of powder (dry basis))*	***0.45***	***0.67***	***0.41***	***0.44***
Specific N:P factor	***5.66***	***5.57***	***5.46***	***5.39***

The calculations were made by following the methodology published by the FAO (FAO/WHO, 2019).