

Additional file 1 – Amino acid profile

Amino acid (AA)	g. AA / 100g. protein
Alanine	5.2
Arginine	2.5
Aspartic acid	12.6
Cysteine	2.5
Glutamic acid	21.5
Glycine	1.9
Histidine	2.2
Isoleucine	6.4
Leucine	9.3
Lysine	10.9
Methionine	2.0
Phenylalanine	2.4
Proline	7.2
Serine	6.2
Threonine	8.2
Tryptophan	1.0
Tyrosine	2.3
Valine	6.0

Peptide distribution

Mw (Dalton)	Weight %
< 750*	~ 58
750-1250	~ 24
1250-2500	~ 15
>2500	~ 3

*Small peptides (containing 1-6 AA)