

Table 5.

	Cont-W	G-IDY-W
Free amino acids ^a (mg N L ⁻¹)	15.82±0.61	27.66±0.03
Peptides ^a (mg N L ⁻¹)	18.59±1.02	28.29±0.90
HMWN ^b (mg N L ⁻¹)	8.69±0.79	8.48±0.02
Aspartic acid (mg L ⁻¹)	12.07±0.11	16.93±0.24
Glutamic acid (mg L ⁻¹)	12.90±0.05	20.57±0.01
Asparagine (mg L ⁻¹)	4.63±0.06	15.45±0.29
Serine (mg L ⁻¹)	2.25±0.01	2.79±0.02
Threonine (mg L ⁻¹)	2.38±0.04	4.70±0.04
Glutamine (mg L ⁻¹)	3.24±0.02	7.33±0.12
Histidine (mg L ⁻¹)	2.41±0.01	3.93±0.07
β-alanine (mg L ⁻¹)	5.59±0.08	4.09±0.06
Glycine (mg L ⁻¹)	n.d.	11.77±0.11
Arginine (mg L ⁻¹)	8.47±0.10	23.85±0.17
α-alanine (mg L ⁻¹)	12.45±0.13	24.67±0.01
γ-aminobutyric acid (mg L ⁻¹)	5.13±0.03	51.01±0.65
Tyrosine (mg L ⁻¹)	4.18±0.03	5.46±0.09
α-aminobutyric acid (mg L ⁻¹)	27.60±0.13	27.21±0.23
Methionine (mg L ⁻¹)	0.70±0.04	0.92±0.01
Valine (mg L ⁻¹)	2.34±0.02	2.61±0.01
Tryptophan (mg L ⁻¹)	n.d.	3.01±0.15
Phenylalanine (mg L ⁻¹)	4.43±0.01	5.54±0.27
Isoleucine (mg L ⁻¹)	2.20±0.03	2.30±0.03
Leucine (mg L ⁻¹)	4.86±0.07	6.43±0.06
Ornithine (mg L ⁻¹)	1.81±0.42	20.99±0.28
Lysine (mg L ⁻¹)	9.65±0.05	14.90±0.21
Sum of amino acids (mg L ⁻¹)	129.31±0.37	276.48±2.27

n.d. not detected.

^a Obtained by Doi's methods. ^b High Molecular Weight Nitrogen Compounds