

Table 1 Amino acid and monosaccharide compositions of purified *C. mosaicus* bell mucin

Amino acid	Composition ^a (%)	Monosaccharide	Mole (%)
Serine	1.9	GalNAc	53.5
Arginine	0.3	GlcNAc	15.0
Glycine	0.5	Fructose	0.0
Aspartic acid ^b	0.5	Galactose	19.7
Glutamic acid ^b	10.0	Glucose	0.02
Threonine	24.8	Mannose	6.9
Alanine	22.9	Sialic acid	4.6
Proline	15.0		
Lysine	0.3		
Methionine	0.4		
Valine	20.5		
Isoleucine	1.7		
Leucine	0.9		
Phenylalanine	0.3		

Note: a: $\mu\text{mole mucin amino acid}/\text{total mucin amino acid} \times 100\%$, where total mucin amino acids is the sum of mucin amino acids (except for cysteine, tryptophan and tyrosine); b: asparagines and glutamine are recovered as their acid form: aspartic acid and glutamic acid, respectively