

Table I. Biomass composition for a biomass protein content of 42%.

Metabolite	Amount (mmol/C-mol biomass)	Metabolite	Amount (mmol/C-mol biomass)
Alanine	12.13	Serine	4.89
Arginine	4.25	Threonine	5.04
Asparagine	2.70	Tryptophan	0.74
Aspartate	7.85	Tyrosine	2.70
Cysteine	0.18	Valine	7.00
Glutamate	7.98	AMP	1.29
Glutamine	2.77	CMP	1.26
Glycine	7.66	GMP	1.29
Histidine	1.74	UMP	1.69
Isoleucine	5.10	Polysaccharide	354.00
Leucine	7.82	Oleate	3.42
Lysine	7.56	Palmitoleate	3.42
methionine	1.34	Glycerol	2.25
Phenylalanine	3.54		
Proline	4.36	Ash	4%