

**Table V.** Steady-state concentrations.

Metabolite		Concentration [mM]
Glucose <sup>extracellular</sup>	measured	0.0556
g6p	measured	3.48
f6p	measured	0.60
fdp	measured	0.272
gap	measured	0.218
dhap	estimated	0.167
pgp	estimated	0.008
3pg	estimated	2.13
2pg	estimated	0.399
pep	measured	2.67
pyr	measured	2.67
6pg	measured	0.808
ribu5p	estimated	0.111
xyl5p	estimated	0.138
sed7p	estimated	0.276
rib5p	estimated	0.398
e4p	estimated	0.098
glp	measured	0.653
amp	measured	0.955
adp	measured	0.595
atp	measured	4.27
nadp	measured	0.195
nadph	measured	0.062
nad	measured	1.47
nadh	measured	0.1