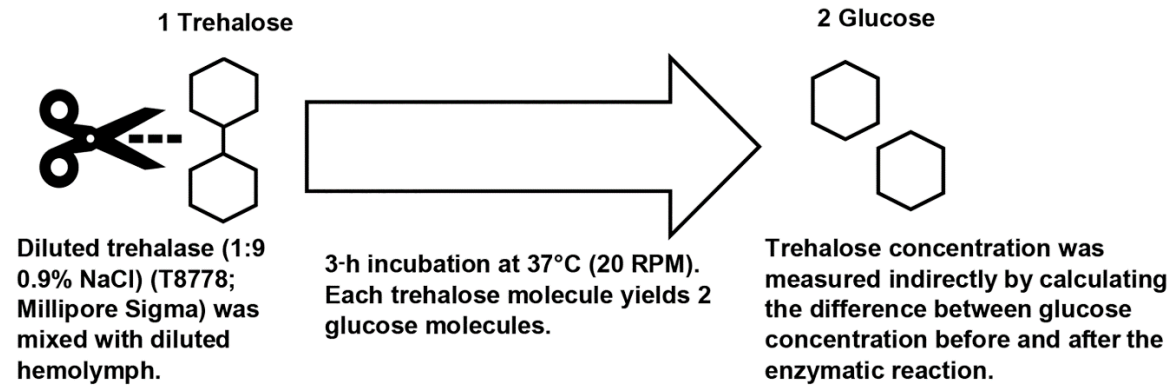


Supplemental Table 1. Honeybee glucose concentration measured by the Accu-Chek glucometer and the UniCel DxC 600 spectrophotometer in commercial trehalose and fructose solutions (solvent: 0.9% NaCl).

Solution	Value measured by Accu-Chek glucometer, mmol/L	Value measured by UniCel DxC 600 spectrophotometer, mmol/L
Trehalose (10 mmol/L)	Low	0.1
Fructose (20 mmol/L)	Low	0.3

The enzymatic protocol was executed as follows:



Supplemental Figure 1. Trehalase enzymatic protocol.