



INVERT SUGARS-INVERTASE METHOD

EQUIPMENT

Disposable test tubes (10 mL)
1 or 2 mL pipet
100 µl Eppendorf

REAGENTS

Invertase Solution (Sigma Grade VII)
(.01g Invertase/1 mL DI Water)

PROCEDURE

Pipet 2 mL of wine in test tube. Add 0.2 mL of Invertase solution. Mix and warm in hands for 10 minutes.

NOTES

Use 2mL for Gold Coast Sugar Procedure. Remember to multiply result by 1.1 because of dilution.

Invertase is stable 6-12 months when stored in freezer.

Invertase solution is stable approximately 2 weeks when stored in refrigerator.

Can also use sample to do glucose/fructose enzymatic procedure.

To ensure that there is sufficient invertase to invert all the sugar in the sample, do sample dilutions (to levels no more than approximately 2% sugar) before inverting sample.

DISPOSAL

In sink, rinse with water.