



Inspiring innovation.



INVERT SUGARS

INVERTASE METHOD

Equipment

- ☪ Disposable test tubes (10 mL)
- ☪ 1 or 2 mL pipet
- ☪ 100 μ L Eppendorf

Reagents

Invertase Solution (Sigma Grade VII) 10 mg/mL solution
(0.01g 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.