



Procedure

Weigh 0.3 g of the sample into the digestion vessel. Add 4.25 mL of HNO₃ and 2 mL of deionized H₂O. Gently swirl the mixture and wait approximately 15 minutes before closing the vessel.

Notes

This application can only be run in the iPrep vessel.

Recommended Equipment

MARS 6 iWave

Recommended Vessels

iPrep

Reagents

DI H₂O
HNO₃

Max Sample Weight

0.3 g

Sample Type

Standard

Control Type

Ramp to Temperature

Method Type

Classic

Heating Program

| Stage | Temp (°C) | *Ramp (mm:ss) | Hold (mm:ss) | Pressure (psi) | * Power (W) | Stirring |
|-------|-----------|---------------|--------------|----------------|-------------|----------|
| 1 | 250 | 25:00 | 25:00 | N/A | 500-1800 | Off |

* Ramp times and power may vary depending on the type and number of vessels.

Results

Sample was clear and colorless upon dilution to 50 mL.

General Precaution

- This procedure is a reference point for sample digestion using a CEM system and may need to be modified or changed to obtain the required results on your sample.
- If using a vessel other than the recommended choice, adjust sample size and pressure limit to values appropriate for the vessel chosen.
- Manual venting of CEM vessels should be performed when wearing hand/eye/body protection and when the vessel contents are at or below room temperature to avoid the potential for chemical burns. Always point the vent hole away from the operator.
- If programming as One Touch, the ramp time and power will be automatically determined based on the number and type of vessels detected.