



Procedure

Weigh 2.5 g of the sample into the digestion vessel. Add 12 mL HNO₃. Gently swirl the mixture and wait approximately 15 minutes before capping the vessel.

Notes

Sample must be completely covered with acid prior to digestion.

Recommended Equipment

Discover SP-D 80

Recommended Vessels

80 mL Quartz

Reagents

HNO₃

Max Sample Weight

2.5 g

Sample Type / Vent Program

Organic

Control Type

Ramp to Temperature

Heating Program

| Stage | Temp (°C) | *Ramp (mm:ss) | Hold (mm:ss) | Pressure (psi) | * Power (W) | Stirring |
|-------|-----------|---------------|--------------|----------------|-------------|----------|
| 1 | 200 | 5:00 | 3:00 | 400 | 300 | Med |

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

Results

Sample was clear, colorless, and particle free 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.