



### Procedure

Weigh 0.25 g of the sample into the digestion vessel. Add 10 mL of HNO<sub>3</sub>. Gently swirl the mixture before closing the vessel.

### Notes

#### Recommended Equipment

MARS 6  
MARS 6 iWave

#### Recommended Vessels

EasyPrep  
EasyPrep Plus

#### Reagents

HNO<sub>3</sub>

#### Max Sample Weight

0.25 g

#### Sample Type

Organic

#### Control Type

Ramp to Temperature

#### Method Type

One Touch

#### Heating Program

| Stage | Temp (°C) | *Ramp (mm:ss) | Hold (mm:ss) | Pressure (psi) | * Power (W) | Stirring |
|-------|-----------|---------------|--------------|----------------|-------------|----------|
| 1     | 210       | 15:00         | 15:00        | 800            | 900-1050    | Off      |

\* 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.
- The control / reference vessel must contain the largest and most reactive sample.
- 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.