

**Procedure**

Weigh 0.1 g (0.05 g if using the 10 mL vessel) of the sample into the digestion vessel. Add 4 mL of HNO₃. Gently swirl the mixture before closing the vessel.

Notes**Recommended Equipment**

MARS 6
MARS 6 iWave

Recommended Vessels

10 mL MARSXpress
20 mL MARSXpress

Reagents

HNO₃

Max Sample Weight

0.1 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	180	15:00	15:00	N/A	1030-1800	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.
- 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.