



MARS 6™

## Method Note

Microwave Digestion of  
Plasticizer (Filter)

## Procedure

Weigh 0.2 g of the sample into the digestion vessel. Add 6 mL HNO<sub>3</sub>, and 3 mL of HCl. Gently swirl the mixture and wait approximately 15 minutes to pre-digest before closing the vessel.

## Notes

This application can only be run in the iPrep vessel.

## Recommended Equipment

MARS 6 iWave

## Recommended Vessels

iPrep

## Reagents

HNO<sub>3</sub>  
HCl

## Max Sample Weight

0.2 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	230	15:00	20:00	N/A	700-1800	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.
- 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.