

Sand

Sample Category: Miscellaneous

Sample Requirements

Sample Weight: 0.3 g

Reagents: 3 mL Conc. HNO₃, 2 mL Conc. HCl, 2 mL Conc. HF

Vessels: 35 mL glass, quartz, and Teflon™ lined

Microwave Heating Program

Control Style: Ramp To Temperature

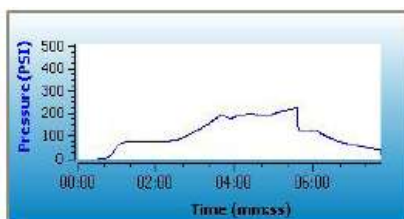
Pressure Mode: Organic

Recommended Equipment



Discover SP-D

| Stage | Temp (°C) | Ramp Time | Hold Time | Pressure (psi) | Power (W) | Stirring |
|-------|-----------|-----------|-----------|----------------|-----------|----------|
| 1 | 200 | 04:00 | 02:00 | 400 | 300 | Med |



Notes:

1. If using a vial other than the recommended choice, adjust sample size and pressure limit to values appropriate for the vessel chosen.
2. The Addition of concentrated HCl is appropriate for the stabilization of Ag, Ba, and Sb, and high concentrations of Fe and Al in solution. The amount of HCl will vary depending on the matrix and the concentration of the analytes. The addition of HCl may, however, limit the techniques of increase the difficulties of analysis.

General Precautions:

This procedure is a reference for sample digestion using a CEM System and may need to be modified or changed to obtain the required results on your sample