

## Digestion of Sludge, Soil, Sediment or Oil (EPA 3051)

Sample Category: Environmental and Regulatory

Recommended Equipment

### Sample Requirements

Sample Weight: 0.5 g

Reagents: 10 mL Conc.  $\text{HNO}_3$

Vessels: 80 mL quartz.

### Microwave Heating Program

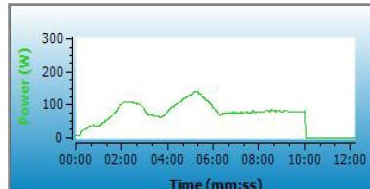
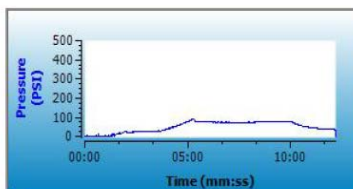
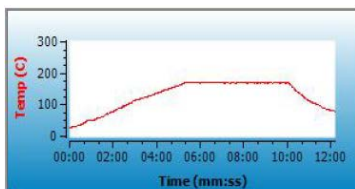
Control Style: Ramp To Temperature

Pressure Mode: Inorganic



Discover SP-D 80 mL

Stage	Temp (°C)	Ramp Time	Hold Time	Pressure (psi)	Power (W)	Stirring
1	175	5:30	4:30	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. This method may not provide a total digest of all sediment samples.

### 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