

Digestion of Calcium Carbonate

Sample Category: Pharmaceuticals

Recommended Equipment

Sample Requirements

Sample Weight: 0.5 g

Reagents: 9 mL Conc. HNO₃ and 1 mL HCl

Vessels: 80mL quartz.

Microwave Heating Program

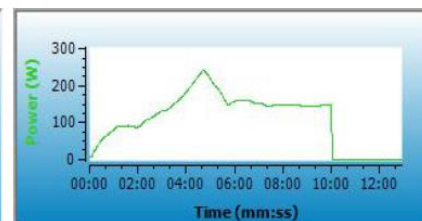
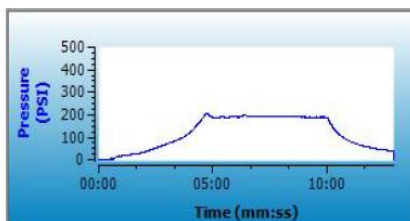
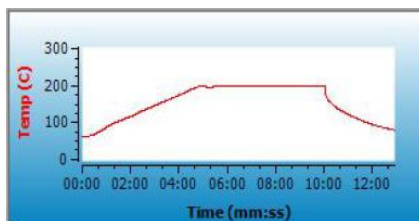
Control Style: Ramp To Temperature

Pressure Mode: Organic



Discover SP-D 80ml

| Stage | Temp (°C) | Ramp Time | Hold Time | Pressure (psi) | Power (W) | Stirring |
|-------|-----------|-----------|-----------|----------------|-----------|----------|
| 1 | 200 | 05:00 | 05:00 | 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. 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