

Aluminum Oxide

(Al₂O₃)

Sample Category: Inorganic Compounds

Sample Requirements

Sample Weight: 0.25g

Reagents: 6.5mL Conc. H₃PO₄, 3.5mL Conc. H₂SO₄

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

Microwave Heating Program

Control Style: Ramp To Temperature

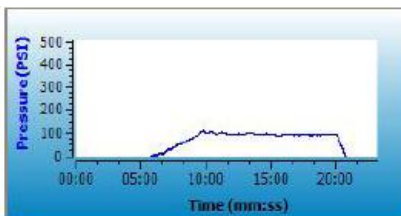
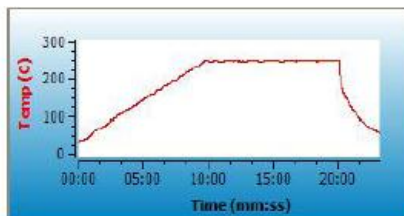
Pressure Mode: Inorganic

Recommended Equipment



Discover SP-D

Stage	Temp (°C)	Ramp Time	Hold Time	Pressure (psi)	Power (W)	Stirring
1	240	10:00	10:00	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. If sample does not appear to be digested after the run, remove cap, replace with a new cap, and run the method a second time.

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