

Platinum

(5 wt % on Activated Carbon)

Sample Category: Metallurgical

Sample Requirements

Sample Weight: 0.05g

Reagents: 2mL Conc. HNO₃, 6mL Conc. HCl, 3mL Conc. H₂SO₄

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

Microwave Heating Program

Control Style: Ramp To Temperature

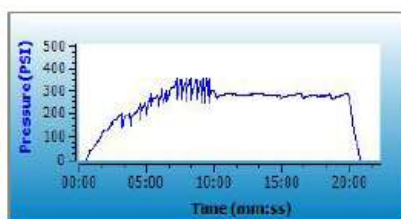
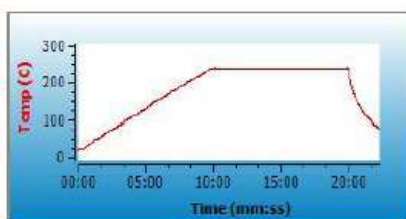
Pressure Mode: Custom

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 venting is too excessive than a char step with just Sulfuric should be run first.

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