

## Digestion of Vitamin (whole)

Sample Category: Pharmaceuticals

### Recommended Equipment

#### Sample Requirements

Sample Weight: 1.6 g  
 Reagents: 10 mL Conc. HNO<sub>3</sub>  
               2 mL H<sub>2</sub>O<sub>2</sub> (30%)  
 Vessels: 80 mL quartz.



Discover SP-D 80 ml

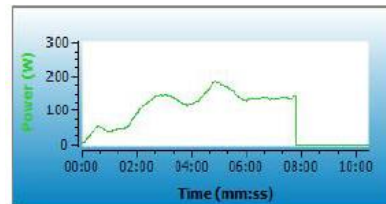
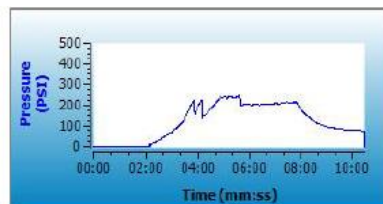
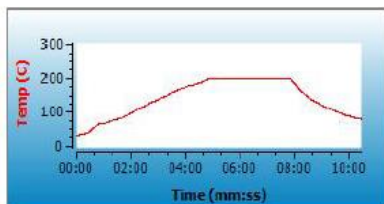
#### Microwave Heating Program

Note: Add acid slowly and allow sample to pre-digest at Least 10 minutes before running

Control Style: Ramp To Temperature

Pressure Mode: Organic

Stage	Temp (°C)	Ramp Time	Hold Time	Pressure (psi)	Power (W)	Stirring
1	200	05:00	03:00	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