



Plastic

Application Note for Acid Digestion

Sample Type: **Plastic** (light blue pieces)
Sample Category: Oils and Plastics

Sample Preparation Procedure

Sample Weight: 0.25g
Reagents: 10-mL Concentrated HNO₃

Microwave Heating Program

Control Style: Ramp-To-Temperature
Pressure Mode: Organic

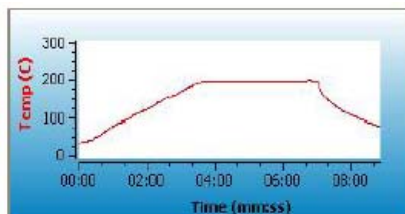
Recommended Equipment



Discover and Explorer 'SP-D' Class

This method is appropriate for use with:
35-mL glass, quartz and Teflon™ -lined vials

Stage	Temp(C)	Ramp Time	Hold Time	Pressure(PSI)	Power(W)	Stirring
1	200	04:00	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.

General Precautions:

- a) This procedure is a reference point for sample digestion using a CEM system and may need to be modified or changed to obtain the required results on your sample.



HNO₃