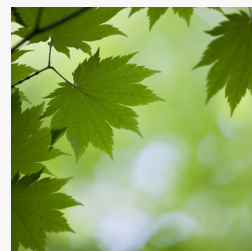


EPA 3051A (2)

MILESTONE APPLICATION NOTE FOR ACID DIGESTION MAXI-HP-ENVIRONMENTAL-003



SUMMARY

This method represents a guideline for the microwave acid digestion of environmental samples according to EPA 3051A method with the Milestone ETHOS UP and ETHOS EASY systems. This procedure may need to be optimized to match your specific analytical goals.

INSTRUMENTATION

Milestone ETHOS UP or ETHOS EASY microwave units, MAXI24 HP (High Performance) rotor, T2 infrared temperature control. Option P2 pressure control.

SAMPLE WEIGHT AND REAGENTS

Sample weight	500 mg
Reagents	9 mL HNO ₃ 3 mL HCl



MICROWAVE PROGRAM

Step	Time	T2	Power
1	00:10:00	150°C	1800 W*
2	00:10:00	180°C	1800 W*
3	00:10:00	180°C	1800 W*

GENERAL PRECAUTIONS

Always use hand, eye and body protection when operating with the microwave system.

Subject to change without notice.
For additional information
please visit www.milestonesrl.com
or contact application@milestonesrl.com

