

# NIST 2781 (Dried domestic sludge)

Milestone Application Note for Acid Digestion MAXI-Environmental-007



## Summary

This method represents a guideline for the microwave acid digestion of NIST 2781 (Dried domestic sludge) samples 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, MAXI-44 high-throughput rotor, T2 infrared temperature control. Option P2 pressure control.



## Sample weight and reagents

Sample weight	Up to 200 mg
Reagents	5 mL HNO <sub>3</sub> 3 mL H <sub>2</sub> O <sub>2</sub>

## Microwave program

Step	Time	T2	Power
1	00:15:00	180°C	1800 W*
2	00:15:00	180°C	1800 W*

Subject to change without notice.  
For additional information please contact  
[application@milestonesrl.com](mailto:application@milestonesrl.com)

## General precautions

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

