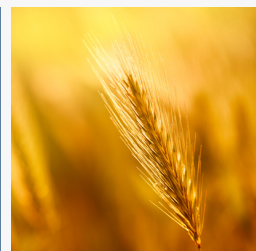


PINE LEAVES

MILESTONE APPLICATION NOTE FOR ACID DIGESTION MAXI-
AGRICULTURE-002

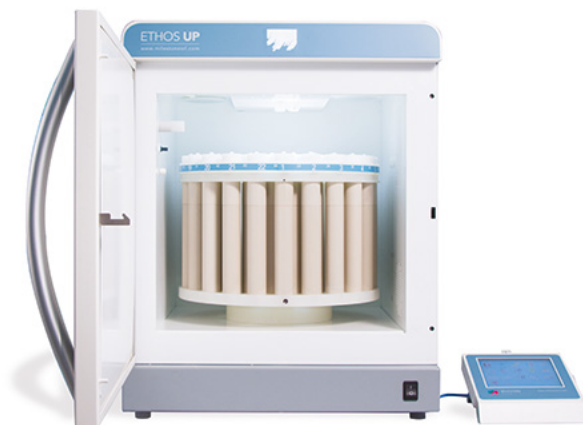


SUMMARY

This method represents a guideline for the microwave acid digestion of Pine leaves 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 250 mg |
| Reagents | 4 mL HNO ₃ 1 mL H ₂ O ₂ |

GENERAL PRECAUTIONS

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

MICROWAVE PROGRAM

| Step | Time | T2 | Power |
|------|----------|-------|---------|
| 1 | 00:25:00 | 200°C | 1800 W* |
| 2 | 00:15:00 | 200°C | 1800 W* |

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

