



Application Survey

Notes: April 2011

Sample	Apparatus	Weight	Vessel	Acid	Temp.	Time	File
Environment, Geology							
Ash	SW-2	200 mg	DAP-60K	HNO ₃ , HF	200 °C	30 min	speedwave-two-Ash.pdf
Complexation	SW-2		all types	H ₃ BO ₃	190 °C	10 min	speedwave-two-Complexation.pdf
Filter Dust	SW-2		DAP-60K	HNO ₃ , HF	200 °C	30 min	speedwave-two-Dust.pdf
Effluents	SW-2	30 mL	DAP-60K	HNO ₃ , HCl	180 °C	10 min	speedwave-two-Effluents-Aqua-Regia.pdf
Effluents	SW-2	30 mL	DAP-60K	HNO ₃ , H ₂ O ₂	200 °C	5 min	speedwave-two-Effluents-HM.pdf
Effluents	SW-2	30 mL	DAP-60K	H ₂ SO ₄ , K ₂ S ₂ O ₈	200 °C	5 min	speedwave-two-Effluents-P.pdf
Ink	SW-2	250 mg	DAP-60K	HNO ₃	200 °C	30 min	speedwave-two-Ink.pdf
Oil	SW-2	100 mg	DAP-60K	HNO ₃	200 °C	20 min	speedwave-two-Oil.pdf
Sediment	SW-2	0.5-1.0 g	DAP-60K	HNO ₃ , HF	175 °C	20 min	speedwave-two-Sediments.pdf
Sediment	SW-2	0.5-1.0 g	DAP-60K	HNO ₃ , HCl	175 °C	20 min	speedwave-two-Sediments_A.pdf
Sewage Sludge	SW-2	500 mg	DAP-60K	HNO ₃	175 °C	20 min	speedwave-two-Sewage-Sludge.pdf
Sewage Sludge	SW-2	500 mg	DAP-60K	HNO ₃ , HF	175 °C	20 min	speedwave-two-Sewage-Sludge_A.pdf
Sewage Sludge	SW-2	500 mg	DAP-60K	HNO ₃ , HCl	175 °C	20 min	speedwave-two-Sewage-Sludge_B.pdf
Activated Sludge	SW-2	20 mL	DAP-60K	HNO ₃ , H ₂ O ₂	200 °C	10 min	speedwave-two-Sludge.pdf
Soil	SW-2	3.5-4.0 g	DAP-60K	HNO ₃ , HCl	180 °C	25 min	speedwave-two-Soil.pdf
Soil	SW-2	3.5-4.0 g	DAP-60K	HNO ₃ , HF	175 °C	25 min	speedwave-two-Soil_A.pdf
Vessel Cleaning	SW-2		all types	HNO ₃ , HCl	200 °C	15 min	speedwave-two-Vessel-Cleaning.pdf
Vessel Conditioning	SW-2		all types		250 °C	12 h	speedwave-two-Vessel-Conditioning.pdf
P/N Water	SW-2	15 mL	DAP-60K	NaOH, K ₂ S ₂ O ₈	200 °C	5 min	speedwave-two-Water_N-P.pdf
Wood	SW-2	200 mg	DAP-60K	HNO ₃	160 °C	10 min	speedwave-two-Wood.pdf
Technology							
Brass	SW-2	100 mg	DAP-60K	HNO ₃	210 °C	20 min	speedwave-two-Brass.pdf
Bronze	SW-2	100 mg	DAP-60K	HNO ₃	210 °C	20 min	speedwave-two-Bronze.pdf
Complexation	SW-2		all types	H ₃ BO ₃	190 °C	10 min	speedwave-two-Complexation.pdf
Oil	SW-2	100 mg	DAP-60K	HNO ₃ , HF	200 °C	20 min	speedwave-two-Oil.pdf
PE	SW-2	200 mg	DAP-60K	HNO ₃ , HCl	220 °C	25 min	speedwave-two-PE.pdf
PET	SW-2	150 mg	DAP-60K	HNO ₃ , H ₂ SO ₄	225 °C	40 min	speedwave-two-PET.pdf
Polyester	SW-2	150 mg	DAP-60K	HNO ₃ , H ₂ SO ₄	215 °C	20 min	speedwave-two-Polyester.pdf
PP	SW-2	150 mg	DAP-60K	HNO ₃ , H ₂ SO ₄	200 °C	40 min	speedwave-two-PP.pdf
Solder	SW-2	300 mg	DAP-60K	HNO ₃	200 °C	15 min	speedwave-two-Solder.pdf
Talcum Powder	SW-2	200 mg	DAP-60K	HNO ₃ , HF	210 °C	30 min	speedwave-two-Talcum-Powder.pdf
Vessel Cleaning	SW-2		all types	HNO ₃ , HCl	200 °C	15 min	speedwave-two-Vessel-Cleaning.pdf
Vessel Conditioning	SW-2		all types		250 °C	12 h	speedwave-two-Vessel-Conditioning.pdf

Food, Pharma and Cosmetic							
Animal Feed	SW-2	15 mg	DAQ-10	HCl	170 °C	45 min	speedwave-two-Animal Feed.pdf
Beer	SW-2	5 mL	DAP-60K	HNO3, H2O2	200 °C	20 min	speedwave-two-Beer.pdf
Blood	SW-2	250 µl	DAQ-10	HNO3	190 °C	10 min	speedwave-two-Blood.pdf
Bones	SW-2	300 mg	DAP-60K	HNO3, HCl	190 °C	20 min	speedwave-two-Bones.pdf
Bread	SW-2	300 mg	DAP-60K	HNO3, HCl	200 °C	15 min	speedwave-two-Bread.pdf
Calcium Stearate	SW-2	100 mg	DAP-60K	HNO3, H2O2	170 °C	10 min	speedwave-two-Calcium-Stearate.pdf
Castor Oil	SW-2	100 mg	DAP-60K	HNO3, H2O2	190 °C	15 min	speedwave-two-Castor-Oil.pdf
Coconut Fat	SW-2	100 mg	DAP-60K	HNO3, H2O2	190 °C	10 min	speedwave-two-Coconut-Fat.pdf
Coffee	SW-2	300 mg	DAP-60K	HNO3, H2O2	200 °C	10 min	speedwave-two-Coffee.pdf
Complexation	SW-2		all types	H3BO3	190 °C	10 min	speedwave-two-Complexation.pdf
Diatomaceous Earth	SW-2	200 mg	DAP-60K	HNO3, HF	210 °C	20 min	speedwave-two-Diatomaceous-Earth.pdf
Dried Plants	SW-2	300 mg	DAP-60K	HNO3, H2O2	190 °C	10 min	speedwave-two-Dried-Plants.pdf
Feed	SW-2	300 mg	DAP-60K	HNO3	200 °C	10 min	speedwave-two-Feed.pdf
Fishmeal	SW-2	500 mg	DAP-60K	HNO3, H2O2	200 °C	40 min	speedwave-two-Fishmeal.pdf
Fruits	SW-2	200 mg	DAP-60K	HNO3, H2O2	200 °C	15 min	speedwave-two-Fruits.pdf
Hair	SW-2	50 mg	DAP-60K	HNO3	170 °C	12 min	speedwave-two-Hair.pdf
Line Seed	SW-2	300 mg	DAP-60K	HNO3, H2O2	190 °C	10 min	speedwave-two-Line-Seed.pdf
Malt-Barley	SW-2	300 mg	DAP-60K	HNO3	200 °C	20 min	speedwave-two-Malt-Barley.pdf
Milk powder	SW-2	300 mg	DAP-60K	HNO3, H2O2	200 °C	20 min	speedwave-two-Milk-Powder.pdf
Muffins	SW-2	1000 mg	DAP-60K	HNO3, H2O2	170 °C	10 min	speedwave-two-Muffins.pdf
Olive Oil	SW-2	200 mg	DAP-60K	HNO3, H2O2	200 °C	15 min	speedwave-two-Olive-Oil.pdf
Paprika Powder	SW-2	300 mg	DAP-60K	HNO3, H2O2	200 °C	10 min	speedwave-two-Paprika-Powder.pdf
Poplar Leaves	SW-2	250 mg	DAP-60K	HNO3, H2O2	200 °C	20 min	speedwave-two-poplar-Leaves.pdf
Rice	SW-2	1000 mg	DAP-60K	HNO3, H2O2	180 °C	15 min	speedwave-two-Rice.pdf
Salted Fish	SW-2	250 mg	DAP-60K	HNO3	205 °C	15 min	speedwave-two-Salted-Fish.pdf
Sugar	SW-2	100 mg	DAP-60K	HNO3, H2O2	190 °C	15 min	speedwave-two-Sugar.pdf
Vessel Cleaning	SW-2		all types	HNO3, HCl	200 °C	15 min	speedwave-two-Vessel-Cleaning.pdf
Vessel Conditioning	SW-2		all types		250 °C	12 h	speedwave-two-Vessel-Conditioning.pdf
Wheat	SW-2	1000 mg	DAP-60K	HNO3, H2O2	170 °C	10 min	speedwave-two-Wheat.pdf

BERGHOF Products + Instruments GmbH

Labor-Technik
Harretstr. 1
72800 Eningen / Germany
Phone: +49 7121 894-202 • Fax: +49 7121 894-300
www.berghof-instruments.de

Contact:

Dr. Dieter Gutwerk Phone: +49 7121
894-127

dieter.gutwerk@berghof.com
Dr. Rainer Krämer Phone: +49 7121