



Application Survey

Notes: April 2011

Sample	Apparatus	Weight	Vessel	Acid	Temp.	Time	File
Environment, Geology							
Ashes	SW 4	300 mg	DAP-60+	HNO ₃ , HCl, HF	220 °C	20 min	speedwave-four-Ashes.pdf
Asphaltite	SW 4	200 mg	DAK-100/4	HNO ₃ , HF	220 °C	35 min	speedwave-four-Asphaltite.pdf
Bark	SW 4	500 mg	DAP-60+	HNO ₃ , HCl	200 °C	35 min	speedwave-four-Bark.pdf
Bauxit	SW 4	250 mg	DAP-60+	HNO ₃ , H ₃ PO ₄ , HF	240 °C	30 min	speedwave-four-Bauxit.pdf
Calcites/Dolomites	SW 4	100 mg	DAP-60+	HNO ₃ , HF	220 °C	35 min	speedwave-four-Calcites-Dolomites.pdf
Cement	SW 4	300 mg	DAP-60+	HNO ₃ , HCl, HF	210 °C	20 min	speedwave-four-Cement.pdf
Complexation	SW 4		all types	H ₃ BO ₃	190 °C	10 min	speedwave-four-Complexation.pdf
Effluents	SW 4	30 mL	DAP-100+	HNO ₃ , HCl	180 °C	10 min	speedwave-four-Effluents-AR.pdf
Effluents	SW 4	30 mL	DAP-100+	HNO ₃ , H ₂ O ₂	200 °C	5 min	speedwave-four-Effluents-HM.pdf
Effluents	SW 4	30 mL	DAP-100+	H ₂ SO ₄ , K ₂ S ₂ O ₈	200 °C	5 min	speedwave-four-Effluents-P.pdf
Feldspar	SW 4	250 mg	DAK-100/4	HCl, HF	200 °C	20 min	speedwave-four-Feldspar.pdf
Fluorite	SW 4	500 mg	DAP-60+	HNO ₃ , H ₃ PO ₄ , H ₃ BO ₃	230 °C	25 min	speedwave-four-Fluorite.pdf
Fly Ash	SW 4	250 mg	DAK-100/4	HNO ₃ , HF	200 °C	20 min	speedwave-four-Fly-Ash.pdf
Garnet	SW 4	100 mg	DAP-60+	HNO ₃ , HF	245 °C	45 min	speedwave-four-Garnet.pdf
Glass Fibre Filter	SW 4	500 mg	DAP-100+	HNO ₃ , HF	180 °C	25 min	speedwave-four-Glass-Fibre-Filter.pdf
Iron Ore	SW 4	100 mg	DAP-60+	H ₂ SO ₄ , H ₃ PO ₄ , HF	240 °C	10 min	speedwave-four-Iron-Ore.pdf
Ironstone	SW 4	100 mg	DAP-60+	HNO ₃ , HCl	220 °C	45 min	speedwave-four-Ironstone.pdf
Kaolinit	SW 4	100 mg	DAP-60+	H ₂ SO ₄ , HF	240 °C	45 min	speedwave-four-Kaolinite.pdf
Leather	SW 4	50 mg	DAP-60+	HNO ₃ , HCl, H ₂ SO ₄	190 °C	15 min	speedwave-four-Leather.pdf
Limestone	SW 4	150 mg	DAK-100/4	HCl, HF	220 °C	20 min	speedwave-four-Limestone.pdf
Fly Ash (NIST 1633)	SW 4	50 mg	DAP-60+ DAP-100+	HNO ₃ , HF	170 °C	10 min	speedwave-four-NIST-1633.pdf
Phosphate Rocks	SW 4	200 mg	DAP-60+	HNO ₃ , HF	220 °C	25 min	speedwave-four-Phosphate-Rock.pdf
Platinum Ore	SW 4	50 mg	DAP-60+	HNO ₃ , H ₂ SO ₄ , H ₃ PO ₄ , HF	240 °C	60 min	speedwave-four-Platinum-Ore.pdf
Secondary Fuel	SW 4	200 mg	DAK-100/4	HNO ₃ , HF, H ₂ SO ₄	250 °C	30 min	speedwave-four-Secondary-Fuel.pdf
Sediments	SW 4	0.5-1 g	DAP-60+	HNO ₃ , HF	175 °C	20 min	speedwave-four-Sediments.pdf
Sediments	SW 4	0.5-1 g	DAP-60+	HNO ₃ , HCl	175 °C	20 min	speedwave-four-Sediments-A.pdf
Sediments	SW 4	0.5-1 g	DAP-60+	HNO ₃ , HCl	175 °C	20 min	speedwave-four-Sediments-B.pdf
Sewage Sludge	SW 4	250 mg	DAP-100+	HNO ₃	175 °C	20 min	speedwave-four-Sewage-Sludge.pdf
Sewage Sludge	SW 4	500 mg	DAP-100+	HNO ₃ , HF	175 °C	20 min	speedwave-four-Sewage-Sludge-A.pdf
Sewage Sludge	SW 4	0.5-1 g	DAP-100+	HNO ₃ , HCl	160 °C	15 min	speedwave-four-Sewage-Sludge-B.pdf
Shredded Paper	SW 4	500 mg	DAP-60+	HNO ₃	170 °C	5 min	speedwave-four-Shredded-Paper.pdf
Slag	SW 4	200 mg	DAK-100/4	HNO ₃ , HCl, HF	220 °C	25 min	speedwave-four-Slag.pdf
Soil	SW 4	0.5-1 g	DAP-100+	HNO ₃ , HCl	180 °C	25 min	speedwave-four-Soil.pdf
Soil	SW 4	1.0 g	DAP-100+	HNO ₃ , HCl	140 °C	15 min	speedwave-four-Soil-A.pdf
Soil	SW 4	3.5-4.0 g	DAP-100+	HNO ₃	175 °C	25 min	speedwave-four-Soil-B.pdf
Tar	SW 4	750 mg	DAK-100/4	HNO ₃ , H ₂ O ₂	210 °C	20 min	speedwave-four-Tar.pdf
Vessel Cleaning	SW 4		all types	HNO ₃ , HCl	200 °C	15 min	speedwave-four-Vessel-Cleaning.pdf
Vessel Conditioning	SW 4		all types		250 °C	12 h	speedwave-four-Vessel-Conditioning.pdf
Water	SW 4	20 mL	DAP-100+	NaOH, K ₂ S ₂ O ₈	200 °C	5 min	speedwave-four-Water-P-N.pdf
Wood	SW 4	500 mg	DAK-100/4	HNO ₃ , HF	215 °C	10 min	speedwave-four-Wood.pdf
Technology							
Activated Carbon	SW 4	50 mg	DAP-60+	HNO ₃	220 °C	45 min	speedwave-four-Activated-Carbon.pdf
Al ₂ O ₃ -TiC	SW 4	10 mg	DAP-100+ DAC-17	HNO ₃ , HF, H ₂ SO ₄ , HCl	280 °C	50 min	speedwave-four-Al ₂ O ₃ -TiC.pdf
Alumina	SW 4	50-200 mg	DAP-100 DAC-17	HCl, H ₂ SO ₄ , HNO ₃ , HF	280 °C	55 min	speedwave-four-Alumina.pdf
Alumina	SW 4	200 mg	DAK-100/4	H ₃ PO ₄ , HF	270 °C	60 min	speedwave-four-Alumina-A.pdf
Alumina	SW 4	100 mg	DAP-60+	H ₃ PO ₄ , H ₂ SO ₄ , HF	240 °C	30 min	speedwave-four-Alumina-B.pdf
Aluminium	SW 4	150 mg	DAP-60+	HNO ₃ , HCl	175 °C	20 min	speedwave-four-Aluminium.pdf
Boron Carbide	SW 4	100 mg	DAK-100/4	HNO ₃ , HF, H ₂ SO ₄	220 °C	30 min	speedwave-four-B4C.pdf
Bakelite	SW 4	500 mg	DAP-60+	HNO ₃ , HCl	180 °C	35 min	speedwave-four-Bakelite.pdf
Brass	SW 4	100 mg	DAP-60+	HNO ₃	210 °C	20 min	speedwave-four-Brass.pdf
Bronze	SW 4	100 mg	DAP-60+	HNO ₃	210 °C	20 min	speedwave-four-Bronze.pdf
Ceramics	SW 4	150 mg	DAK-100/4	HCl, HNO ₃ , HF	220 °C	60 min	speedwave-four-Ceramics.pdf
Cigarettes	SW 4	300 mg	DAP-60+	HNO ₃ , HCl	210 °C	25 min	speedwave-four-Cigarettes.pdf
Coal	SW 4	200 mg	DAK-100/4	HNO ₃ , HF	250 °C	30 min	speedwave-four-Coal.pdf
Cobalt Tungstates	SW 4	100 mg	DAP-60+	HNO ₃ , HF	240 °C	60 min	speedwave-four-Cobalt-Tungstates.pdf
Coke	SW 4	100 mg	DAP-100 DAC-17	HNO ₃ , H ₂ SO ₄	260 °C	40 min	speedwave-four-Coke.pdf
Complexation	SW 4		all types	H ₃ BO ₃	190 °C	10 min	speedwave-four-Complexation.pdf
Copper Wire	SW 4	500 mg	DAK-100/4	HNO ₃	200 °C	15 min	speedwave-four-Copper-Wire.pdf
Coutchouc	SW 4	250 mg	DAP-60+	HNO ₃	200 °C	30 min	speedwave-four-Coutchouc.pdf
Cr/Mo/Co-Alloy	SW 4	100 mg	DAP-60+	HCl, HNO ₃ , NH ₄ F, H ₂ O ₂	200 °C	30 min	speedwave-four-Cr-Mo-Co-Alloy.pdf
Cr/Mo/Ni-Alloy	SW 4	100 mg	DAP-60+	HCl, HNO ₃ , H ₂ O ₂	200 °C	30 min	speedwave-four-Cr-Mo-Ni-Alloy.pdf
Cr/Ni/Pd-Alloy	SW 4	50 mg	DAP-60+	HCl, HNO ₃ , NH ₄ F, H ₂ O ₂	200 °C	30 min	speedwave-four-Cr-Ni-Pd-Alloy.pdf
Crude Oil	SW 4	100 mg	DAP-60+	HNO ₃ , H ₂ O ₂	200 °C	20 min	speedwave-four-Crude-Oil.pdf
Cr-W-Co-Alloy	SW 4	100 mg	DAP-60+	HCl, H ₂ O ₂	200 °C	30 min	speedwave-four-Cr-W-Co-Alloy.pdf
Diesel	SW 4	50 mg	DAP-60+	HNO ₃	200 °C	10 min	speedwave-four-Diesel.pdf
Electronic Chips	SW 4	250 mg	DAP-100+	HNO ₃ , HCl, HF	215 °C	20 min	speedwave-four-Electronic-chips.pdf
Electronic Chips	SW 4	250 mg	DAP-100+	HNO ₃ , HF	215 °C	20 min	speedwave-four-Electronic-chips-A.pdf
EVA Foam	SW 4	400 mg	DAK-100/4	HNO ₃	190 °C	15 min	speedwave-four-EVA-Foam.pdf
EVOH	SW 4	500 mg	DAK-100/4	HNO ₃	180 °C	5 min	speedwave-four-EVOH.pdf
Fe-Nb-Alloy	SW 4	50 mg	DAP-60+	HCl, HF, HNO ₃ , H ₃ PO ₄	240 °C	30 min	speedwave-four-Fe-Nb-Alloy.pdf
FeO-Coal Coating	SW 4	500 mg	DAP-60+	HNO ₃ , HCl	200 °C	20 min	speedwave-four-FeO-Coal-Coating.pdf
Fe-Ti-Alloy	SW 4	50 mg	DAP-60+	HCl, HF, HNO ₃ , H ₃ PO ₄	220 °C	30 min	speedwave-four-Fe-Ti-Alloy.pdf
Gas Coal	SW 4	150 mg	DAK-100/4	HNO ₃ , HF	200 °C	20 min	speedwave-four-Gas-Coal.pdf
Glass/ Quartz	SW 4	500 mg	DAP-60+	HNO ₃ , HF	200 °C	30 min	speedwave-four-Glass-Quartz.pdf
Graphite	SW 4	100 mg	DAK-100/4	H ₂ SO ₄ , HNO ₃ , HCl, HF	250 °C	30 min	speedwave-four-Graphite.pdf

Hardmetal Scrap	SW 4	100 mg	DAP-60+	HNO3, HF	240 °C	60 min	speedwave-four-Hardmetal-Scrap.pdf
Inconel	SW 4	250 mg	DAK-100/4	HNO3, HCl, HF	225 °C	25 min	speedwave-four-Inconel.pdf
Ink	SW 4	250 mg	DAP-60+	HNO3	200 °C	30 min	speedwave-four-Ink.pdf
In-Sn-Oxide	SW 4	500 mg	DAP-60+	HCl, HF	190 °C	15 min	speedwave-four-In-Sn-Oxide.pdf
Ionomer	SW 4	100 mg	DAP-60+	HNO3	190 °C	30 min	speedwave-four-Ionomer.pdf
LaB6 Lanthanum boride	SW 4	200 mg	DAK-100/4	HNO3, H2O	230 °C	5 min	speedwave-four-LaB6.pdf
Pb-Zr-Ti Oxide	SW 4	100 mg	DAP-60+	HNO3, HF	240 °C	60 min	speedwave-four-Lead-Zirkonate-Titanate
Li-Titanate	SW 4	100 mg	DAP-60+	HNO3, HF	200 °C	30 min	speedwave-four-Li-Titanate.pdf
Melamin	SW 4	300 mg	DAK-100/4	HNO3, H2O2, H3PO4	260 °C	35 min	speedwave-four-Melamin.pdf
MgO	SW 4	500 mg	DAP-60+	HNO3, H2O2, HF	200 °C	35 min	speedwave-four-MgO.pdf
Molybdenum	SW 4	1000 mg	DAK-100/4	H2O, HF, HNO3	220 °C	30 min	speedwave-four-Mo.pdf
Niobiumdisulfide	SW 4	200 mg	DAK-100/4	HNO3, HF	245 °C	15 min	speedwave-four-NbS2.pdf
Nylon	SW 4	400 mg	DAK-100/4	HNO3, H2SO4	190 °C	30 min	speedwave-four-Nylon.pdf
Oil	SW 4	100 mg	DAK-100/4	HNO3	190 °C	20 min	speedwave-four-Oil.pdf
Oil	SW 4	100 mg	DAP-60+	HNO3, HF	200 °C	20 min	speedwave-four-Oil-A.pdf
Oil Residues	SW 4	300 mg	DAK-100/4	HNO3, H2O2	230 °C	25 min	speedwave-four-Oil-Residues.pdf
Polyethylene	SW 4	300 mg	DAP-60+	HNO3, HCl	220 °C	25 min	speedwave-four-PE.pdf
Polyethylene	SW 4	200 mg	DAP-60+	HNO3, HF	190 °C	30 min	speedwave-four-PE-A.pdf
PEEK	SW 4	100 mg	DAP-60+ DAQ-20H	HNO3, H2SO4	220 °C	15 min	speedwave-four-PEEK.pdf
PET	SW 4	250 mg	DAP-60+	HNO3, H2SO4	220 °C	35 min	speedwave-four-PET.pdf
Polycarbonate	SW 4	300 mg	DAK-100/4	HNO3	210 °C	20 min	speedwave-four-Polycarbonate.pdf
Polyester	SW 4	250 mg	DAP-60+	HNO3, H2SO4	210 °C	40 min	speedwave-four-Polyester.pdf
Polypropylene PP	SW 4	250 mg	DAK-100/4	HNO3	210 °C	20 min	speedwave-four-PP.pdf
Pt-Ir-Alloy	SW 4	100 mg	DAK-100/4	HNO3, HCl, Br2	210 °C	30 min	speedwave-four-Pt-Ir-Alloy.pdf
Pt-Rh-Alloy	SW 4	50 mg	DAK-100/4	HNO3, HCl, Br2	215 °C	45 min	speedwave-four-Pt-Rh-Alloy.pdf
Pt-W-Alloy	SW 4	150 mg	DAK-100/4	HCl, HNO3, HF, H2O	210 °C	30 min	speedwave-four-Pt-W-Alloy.pdf
PVC-Granules	SW 4	400 mg	DAK-100/4	HNO3, H2O2, H2SO4	210 °C	30 min	speedwave-four-PVC.pdf
Refractory Material	SW 4	100 mg	DAP-60+	H3PO4, H2SO4, HF, HNO3	240 °C	20 min	speedwave-four-Refractory-Material.pdf
Rhodium	SW 4	100 mg	DAK-100/4	HCl, HNO3, Br2	210 °C	30 min	speedwave-four-Rh.pdf
Rh-Ir-Alloy	SW 4	300 mg	DAK-100/4	HCl, H2SO4, H2O2	250 °C	15 min	speedwave-four-Rh-Ir-Alloy.pdf
Ru-Se-Alloy	SW 4	50 mg	DAP-30+	HCl, HNO3, H2O2, NH4F	210 °C	30 min	speedwave-four-Ru-Se-Alloy.pdf
Selenium	SW 4	150 mg	DAP-60+	HNO3, HCl	210 °C	20 min	speedwave-four-Selenium.pdf
Shoe Sole	SW 4	150 mg	DAP-60+	HNO3, HF	220 °C	15 min	speedwave-four-Shoe-Sole.pdf
Si-Al-B-Oxide	SW 4	100 mg	DAP-30+ DAK-100/4	HF, H3PO4, HCl, H2O	250 °C	25 min	speedwave-four-Si-Al-B-Oxide.pdf
Si-Al-Zr-Oxide	SW 4	100 mg	DAP-30+ DAK-100/4	HF, H3PO4, HCl, H2O	250 °C	25 min	speedwave-four-Si-Al-Zr-Oxide.pdf
SiC	SW 4	50 mg	DAP-100 DAC-17	HNO3, HF, H2SO4	290 °C	60 min	speedwave-four-SiC.pdf
Silicon	SW 4	300 mg	DAP-60+	HNO3, HF	210 °C	30 min	speedwave-four-Silicon.pdf
SiO2, Al2O3	SW 4	100 mg	DAP-60+	H3PO4, HCl, HF, HNO3	240 °C	20 min	speedwave-four-SiO2-Al2O3.pdf
Slag	SW 4	200 mg	DAK-100/4	HNO3, HCl, HF	220 °C	25 min	speedwave-four-Slag.pdf
Slag (Blast Furnace)	SW 4	100 mg	DAP-60+	HNO3, HF	200 °C	30 min	speedwave-four-Slag-Blast-Furnace.pdf
Slag (Electric Furnace)	SW 4	100 mg	DAP-60+	H3PO4, H2SO4, HF	240 °C	60 min	speedwave-four-Slag-Electric-Furnace.pdf
Sn Slag	SW 4	100 mg	DAK-100/4	HNO3, HCl, HF	225 °C	25 min	speedwave-four-Sn-Slag.pdf
Solder	SW 4	300 mg	DAP-60+	HNO3	200 °C	15 min	speedwave-four-Solder.pdf
Solvents	SW 4	50 mg	DAP-60+	HNO3	200 °C	10 min	speedwave-four-Solvents.pdf
Sulfur	SW 4	300 mg	DAK-100/4	HNO3, H2O2	210 °C	25 min	speedwave-four-Sulfur.pdf
Sulfur-Slip	SW 4	200 mg	DAK-100/4	HNO3, HCl, HF	220 °C	25 min	speedwave-four-Sulfur-Slip.pdf
Textiles	SW 4	400 mg	DAK-100/4	HNO3	200 °C	20 min	speedwave-four-Textiles.pdf
TiB2 Titanium Boride	SW 4	100 mg	DAK-100/4	HNO3, HCl, HF	230 °C	25 min	speedwave-four-TiB2.pdf
TiC Titanium Carbide	SW 4	200 mg	DAK-100/4	HNO3, H2SO4	190 °C	15 min	speedwave-four-TiC.pdf
TiS2 Titanium Disulfide	SW 4	200 mg	DAK-100/4	HNO3, HF	245 °C	15 min	speedwave-four-TiS2.pdf
Tungsten	SW 4	300 mg	DAK-100/4	HNO3, HCl, HF	250 °C	60 min	speedwave-four-Tungsten.pdf
Vessel Cleaning	SW 4		all types	HNO3, HCl	200 °C	15 min	speedwave-four-Vessel-Cleaning.pdf
Vessel Conditioning	SW 4		all types		250 °C	12 h	speedwave-four-Vessel-Conditioning.pdf
Tungsten Carbide WC	SW 4	300 mg	DAK-100/4	HNO3, HCl, HF	210 °C	35 min	speedwave-four-WC.pdf
Wet Paint	SW 4	0.75 mL	DAK-100/4	HNO3, H2O2	190 °C	30 min	speedwave-four-Wet-Paint.pdf
Wet Paint	SW 4	300 mg	DAP-60+	HNO3, HF, H2O2	230 °C	30 min	speedwave-four-Wet-Paint-A.pdf
WO3 Tungsten Oxide	SW 4	600 mg	DAK-100/4	HNO3, HF	190 °C	25 min	speedwave-four-WO3.pdf
Zeolites	SW 4	100 mg	DAP-60+	HNO3, HCl, HF	240 °C	10 min	speedwave-four-Zeolites.pdf
ZnO	SW 4	500 mg	DAP-60+	HNO3, HCl	210 °C	30 min	speedwave-four-ZnO.pdf
Food, Pharma and Cosmetic							
Algae	SW 4	700 mg	DAP-100+	HNO3, H2O2, HF, H2O	190 °C	15 min	speedwave-four-Algae.pdf
Animal Feed	SW 4	400 mg	DAP-60+	HNO3, H2O2, HF	215 °C	20 min	speedwave-four-Animal-Feed.pdf
Beer	SW 4	8 mL	DAP-100+	HNO3, H2O2	200 °C	20 min	speedwave-four-Beer.pdf
Beet Roots	SW 4	300 mg	DAP-60+	HNO3, H2O2	190 °C	15 min	speedwave-four-Beet-Roots.pdf
Blood	SW 4	250 µL	DAQ-10	HNO3	190 °C	10 min	speedwave-four-Blood.pdf
Body Lotion	SW 4	300 mg	DAP-60+	HNO3	190 °C	30 min	speedwave-four-Body-Lotion.pdf
Bones	SW 4	300 mg	DAP-60+	HNO3, HCl	190 °C	20 min	speedwave-four-Bones.pdf
Bran	SW 4	400 mg	DAP-60+	HNO3, H2O2	190 °C	15 min	speedwave-four-Bran.pdf
Cacao	SW 4	300 mg	DAP-60+	HNO3, H2O2	190 °C	15 min	speedwave-four-Cacao.pdf
Coconut Fat	SW 4	200 mg	DAP-60+	HNO3, H2O2	190 °C	10 min	speedwave-four-Coconut-Fat.pdf
Coffee	SW 4	400 mg	DAP-60+	HNO3, H2O2	200 °C	10 min	speedwave-four-Coffee.pdf
Cognac	SW 4	0.5 mL	DAP-60+	HNO3, H2O2	160 °C	10 min	speedwave-four-Cognac.pdf
Complexation	SW 4		all types	H3BO3	190 °C	10 min	speedwave-four-Complexation.pdf
Corn Gluten	SW 4	500 mg	DAK-100/4	HNO3, H2O2	200 °C	20 min	speedwave-four-Corn-Gluten.pdf
Corn Oil	SW 4	500 mg	DAK-100/4	HNO3, H2O2	200 °C	20 min	speedwave-four-Corn-Oil.pdf
Corn Swelling Water	SW 4	1000 mg	DAK-100/4	HNO3, H2O2	200 °C	20 min	speedwave-four-Corn-Swelling-Water.pdf
Face Creme	SW 4	250 mg	DAP-60+ DAQ-20H	HNO3	190 °C	30 min	speedwave-four-Face-Creme.pdf
Fatty Acids for Animal Food	SW 4	550 mg	DAK-100/4	HNO3, H2O2	210 °C	10 min	speedwave-four-Fatty-Acids.pdf
Feed	SW 4	300 mg	DAP-60+	HNO3	230 °C	10 min	speedwave-four-Feed.pdf
Fishmeal	SW 4	500 mg	DAP-60+	HNO3, H2O2	200 °C	40 min	speedwave-four-Fishmeal.pdf
Flour	SW 4	400 mg	DAP-60+	HNO3, H2O2	190 °C	15 min	speedwave-four-Flour.pdf
Food/Plant	SW 4	500 mg	DAP-40+	HNO3	190 °C	10 min	speedwave-four-Food-Plant-High-Throughput.pdf
Fruit Juice	SW 4	5 mL	DAP-100+	HNO3, H2O2	200 °C	15 min	speedwave-four-Fruit-Juice.pdf
Fruits	SW 4	500 mg	DAP-60+	HNO3, H2O2	200 °C	15 min	speedwave-four-Fruits.pdf
Ginseng	SW 4	500 mg	DAP-60+	HNO3, H2O2	190 °C	15 min	speedwave-four-Ginseng.pdf
Grab Paste	SW 4	300 mg	DAP-60+	HNO3, H2O2	190 °C	15 min	speedwave-four-Grab-Paste.pdf

Hair	SW 4	250 mg	DAP-60+ DAQ-20H	HNO3	190 °C	15 min	speedwave-four-Hair.pdf
Herbs	SW 4	500 mg	DAK-100/4	HNO3, H2O2	210 °C	10 min	speedwave-four-Herbs.pdf
Lime	SW 4	300 mg	DAP-60+	HNO3, H2O2	190 °C	15 min	speedwave-four-Lime.pdf
Line Seed	SW 4	400 mg	DAP-60+	HNO3, H2O2	190 °C	10 min	speedwave-four-Line-Seed.pdf
Lipstick	SW 4	250 mg	DAP-60+ DAQ-20H	HNO3, HF	190 °C	30 min	speedwave-four-Lipstick.pdf
Malt/Barley	SW 4	300 mg	DAP-60+	HNO3	200 °C	20 min	speedwave-four-Malt-Barley.pdf
Meat	SW 4	350 mg	DAP-60+	HNO3	200 °C	20 min	speedwave-four-Meat.pdf
Milk	SW 4	5 mL	DAP-100+	HNO3, H2O2	190 °C	20 min	speedwave-four-Milk.pdf
Milk Powder	SW 4	400 mg	DAP-60+	HNO3, H2O2	190 °C	15 min	speedwave-four-Milk-Powder.pdf
Muffin	SW 4	1000 mg	DAP-60+	HNO3, H2O2	170 °C	10 min	speedwave-four-Muffins.pdf
Multivitamin Tablets	SW 4	>350 mg	DAK-100/4	HNO3, H2O2	210 °C	45 min	speedwave-four-Multivitamin-Tablets.pdf
Mussel	SW 4	700 mg	DAP-100+	HNO3, H2O2, HF, H2O	190 °C	15 min	speedwave-four-Mussel.pdf
Ointment	SW 4	250 mg	DAP-60+	HNO3	200 °C	10 min	speedwave-four-Ointment.pdf
Olive Cake	SW 4	400 mg	DAK-100/4	HNO3, H2O2, HF	220 °C	30 min	speedwave-four-Olive-Cake.pdf
Olive Leaves	SW 4	500 mg	DAP-60+	HNO3, H2O2	190 °C	15 min	speedwave-four-Olive-Leaves.pdf
Paprika Powder	SW 4	300 mg	DAP-60+	HNO3	200 °C	10 min	speedwave-four-Paprika-Powder.pdf
Pharma-Raw-Material	SW 4	250 mg	DAK-100/4	HNO3, H2O2	210 °C	15 min	speedwave-four-Pharma-Raw-Material.pdf
Pharma-Raw-Material	SW 4	250 mg	DAK-100/4	HNO3	210 °C	15 min	speedwave-four-Pharma-Raw-Material-A.pdf
Pharma-Raw-Material	SW 4	500 mg	DAK-100/4	HNO3, H2O2	210 °C	15 min	speedwave-four-Pharma-Raw-Material-B.pdf
Pharma-Raw-Material	SW 4	500 mg	DAK-100/4	HNO3, HBF4	210 °C	15 min	speedwave-four-Pharma-Raw-Material-C.pdf
Plants	SW 4	400 mg	DAP-60+	HNO3, H2O2	190 °C	15 min	speedwave-four-Plants.pdf
Rice	SW 4	1000 mg	DAP-60+	HNO3, H2O2	180 °C	15 min	speedwave-four-Rice.pdf
Shampoo	SW 4	300 mg	DAP-60+ DAQ-20H	HNO3	190 °C	30 min	speedwave-four-Shampoo.pdf
Soap	SW 4	250 mg	DAP-60+ DAQ-20H	HNO3, HF	190 °C	30 min	speedwave-four-Soap.pdf
Soya Lecithin	SW 4	650 mg	DAK-100/4	HNO3, H2O2, HCl	210 °C	10 min	speedwave-four-Soya-Lecithin.pdf
Sugar	SW 4	600 mg	DAK-100/4	HNO3, H2O2	190 °C	15 min	speedwave-four-Sugar.pdf
Sun Protection	SW 4	350 mg	DAP-30+	HNO3, HCl, HF	220 °C	20 min	speedwave-four-Sun-Protection.pdf
Talcum Powder	SW 4	250 mg	DAK-100/4	HNO3, HF	210 °C	30 min	speedwave-four-Talcum-Powder.pdf
Tea	SW 4	500 mg	DAK-100/4	HNO3	190 °C	20 min	speedwave-four-Tea.pdf
Mother Tinctures	SW 4	500 mg	DAP-60+	HNO3, H2O2	190 °C	15 min	speedwave-four-Tincture.pdf
Tomato Leaves	SW 4	500 mg	DAP-60+	HNO3, H2O2	190 °C	15 min	speedwave-four-Tomato-Leaves.pdf
Toothpaste	SW 4	250 mg	DAP-60+ DAQ-20H	HNO3, HF	190 °C	30 min	speedwave-four-Toothpaste.pdf
Vegetable Oil	SW 4	700 mg	DAK-100/4	HNO3, H2O2	190 °C	15 min	speedwave-four-Vegetable-Oil.pdf
Vessel Cleaning	SW 4		all types	HNO3, HCl	200 °C	15 min	speedwave-four-Vessel-Cleaning.pdf
Vessel Conditioning	SW 4		all types		250 °C	12 h	speedwave-four-Vessel-Conditioning.pdf
Wax	SW 4	1000 mg	DAP-60+ DAC-17	HNO3	230 °C	25 min	speedwave-four-Wax.pdf
Wheat	SW 4	1000 mg	DAP-60+	HNO3, H2O2	170 °C	10 min	speedwave-four-Wheat.pdf
Whey Powder	SW 4	500 mg	DAK-100/4	HNO3, H2O2	210 °C	10 min	speedwave-four-Whey-Powder.pdf

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