



Application Survey

Notes: April 2011

Sample	Apparatus	Weight	Vessel	Acid	Temp.	Time	File
Environment, Geology							
Effluents (Mercury)	DAB	40 mL	DAB-3	HNO3	120 °C	1-2 h	DAB-Effluents-Hg.pdf
Effluents (Phosphorous)	DAB	40 mL	DAB-3	H2SO4, K2S2O8	120 °C	2 h	DAB-Effluents-P.pdf
Galvanic Ash	DAB	250 mg	DAB-2	HNO3, H2SO4, HF	250 °C	16 h	DAB-Galvanic-Ash.pdf
Resin	DAB	500 mg	DAB-3	HNO3	220 °C	6 h	DAB-Resin.pdf
Rock	DAB	1000 mg	DAB-3	HNO3, HCl, HF	220 °C	2 h	DAB-Rock.pdf
Technology							
Alumina	DAB	200 mg	DAB-3	HCl, H2O	260 °C	12 h	DAB-Alumina.pdf
Ceramics	DAB	400 mg	DAB-3	HCl, HF	230 °C	>2 h	DAB-Ceramics.pdf
Coal	DAB	500 mg	DAB-3	HCl	220 °C	6 h	DAB-Coal.pdf
Copper Alloy	DAB	500 mg	DAB-3	HNO3, HF	220 °C	2 h	DAB-Copper-Alloy.pdf
Graphite	DAB	500 mg	DAB-2	HNO3, H2SO4	250 °C	48-72 h	DAB-Graphite.pdf
Lubricant Oil	DAB	1500 mg	DAB-3	HNO3, HCl	200 °C	4 h	DAB-Lubricant-Oil.pdf
Methanolysis of PET	DAB	50-250 mg	DAB-2	Methanol - Zn-Acetate solution	200 °C	18 h	DAB-Methanolysis.pdf
Oil	DAB	500 mg	DAB-3	HNO3	180 °C	8 h	DAB-Oil.pdf
Paint	DAB	800 mg	DAB-3	HNO3, H2O2	200 °C	3 h	DAB-Paint.pdf
Paper Pulp	DAB	1000 mg	DAB-3	HNO3	150 °C	2 h	DAB-Paper.pdf
PE	DAB	500 mg	DAB-3	HNO3, H2O2	200 °C	3 h	DAB-PE.pdf
Pigment Gels	DAB	200 mg	DAB-3	HNO3, H2O2	200 °C	3 h	DAB-Pigment-Gel.pdf
Plastic	DAB	500 mg	DAB-3	HNO3, H2O2	200 °C	3 h	DAB-Plastic.pdf
Plastic	DAB	500 mg	DAB-3	HNO3, HCl	200 °C	3 h	DAB-Plastic_A.pdf
Plastic	DAB	500 mg	DAB-3	HNO3, H2SO4	200 °C	3 h	DAB-Plastic_B.pdf
Polypropylene PP	DAB	200 mg	DAB-3	HNO3	250 °C	3 h	DAB-PP.pdf
Quartz Sand	DAB	500 mg	DAB-2	HNO3, HF	250 °C	3 h	DAB-Quartz-Sand.pdf
SiC	DAB	250 mg	DAB-2	HNO3, HF, H2SO4	250 °C	12-72 h	DAB-SiC.pdf
Silicon Oil	DAB	500 mg	DAB-3	HNO3, HF	180 °C	8 h	DAB-Silicon-Oil.pdf
SiN	DAB	250 mg	DAB-2	HNO3, HF, H2SO4	250 °C	12 h	DAB-SiN.pdf
Steel	DAB	500 mg	DAB-3	HNO3, HCl	200 °C	2 h	DAB-Steel.pdf
Talcum Powder	DAB	50 mg	DAB-3	HNO3, HF	200 °C	10 h	DAB-Talcum.pdf
Textiles	DAB	500 mg	DAB-3	HNO3, H2O2	200 °C	3 h	DAB-Textiles.pdf
Textiles	DAB	500 mg	DAB-3	HNO3, HCl	200 °C	3 h	DAB-Textiles_A.pdf
Wax	DAB	1500 mg	DAB-3	HNO3	240 °C	3 h	DAB-Wax.pdf
Weld Dust	DAB	500 mg	DAB-3 (multi)	HNO3, H2O2	200 °C	4 h	DAB-Weld-Dust.pdf
Food, Pharma and Cosmetic							
Buckwheat	DAB	500 mg	DAB-3 (multi)	HNO3, H2O2	200 °C	4 h	DAB-Buckwheat.pdf
Cereal	DAB	1000 mg	DAB-3	HNO3	170 °C	2 h	DAB-Cereal.pdf
Fat	DAB	1000 mg	DAB-3	HNO3	200 °C	3 h	DAB-Fat.pdf
Flour	DAB	500 mg	DAB-3 (multi)	HNO3	200 °C	3 h	DAB-Flour.pdf
Flour	DAB	1,000 mg	DAB-3	HNO3	180 °C	2 h	DAB-Flour_A.pdf
Grass	DAB	1-2 g	DAB-3	HNO3	200 °C	3 h	DAB-Grass.pdf
Leaves	DAB	1000 mg	DAB-3	HNO3	170 °C	2 h	DAB-Leaves.pdf
Line Seed	DAB	500 mg	DAB-3 (multi)	HNO3	200 °C	4 h	DAB-Line-Seed.pdf
Liver	DAB	1000 mg	DAB-3	HNO3	180 °C	3 h	DAB-Liver.pdf
Multivitamin	DAB	300 mg	DAB-3	HNO3, H2O2, H2O	220 °C	10 h	DAB-Mult-Vitamin.pdf
Multivitamin	DAB	0.3-1.5 g	DAB-3	HNO3, H2O2, H2O	220 °C	10 h	DAB-Multi-Vitamin-A.pdf
Oil	DAB	1000 mg	DAB-3	HNO3	200 °C	4 h	DAB-Oil.pdf
Poppy	DAB	500 mg	DAB-3 (multi)	HNO3, H2O2	200 °C	2 h	DAB-Poppy.pdf
Pumpkin Seed	DAB	500 mg	DAB-3 (multi)	HNO3, H2O2	200 °C	4 h	DAB-Pumpkin.pdf
Sesame	DAB	500 mg	DAB-3	HNO3	200 °C	4 h	DAB-Sesame.pdf
Starch	DAB	1,000 mg	DAB-3	HNO3	160 °C	2 h	DAB-Starch.pdf
Glucose Sirup and Saccharose	DAB	0.5-1.0 g	DAB-3	HNO3	200 °C	2 h	DAB-Sugar.pdf
Sunflower Seed	DAB	500 mg	DAB-3 (multi)	HNO3	200 °C	4 h	DAB-Sunflower-Seed.pdf
Tissue	DAB	1000 mg	DAB-3	HNO3	180 °C	2 h	DAB-Tissue.pdf
Tobacco	DAB	1.0-2.0 g	DAB-3	HNO3	200 °C	4 h	DAB-Tobacco.pdf
Tomato Leaves	DAB	500 mg	DAB-3 (multi)	HNO3, H2O2	200 °C	4 h	DAB-Tomato-Leaves.pdf
Tomato Leaves	DAB	1.0-2.0 g	DAB-3	HNO3	200 °C	4 h	DAB-Tomato-Leaves-A.pdf
Vegetables	DAB	1.0-2.0 g	DAB-3	HNO3	200 °C	4 h	DAB-Vegetables.pdf

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