



722 Main Street, P.O. Box 597, Boylston, MA 01505
Phone: 508-869-6401 or 508-869-6402
Fax: 508-869-6213 www.luvak.com

Sample Submission Form

Company Name: _____ Date: _____

Address: _____ City: _____

State/Province: _____ Country: _____ Zip: _____

Contact: _____ Phone: _____ Fax: _____

E-mail Address: _____

Alloy Name/Material Description: _____

Required Specifications: _____

Applicable Quality System: PWA F-23 GE S400 Nadcap ISO/IEC 17025

Nuclear 10CFR50 & 10CFR21 Appendix B _____ Other _____

Results needed by: ___/___/___ Phone Results to : _____ Fax Results to: _____

E-mail Results to: _____

Return Sample: FedEx/UPS Acct# _____

Turnaround (Call for Rush Authorization) Same Day/Next Day Service 30% of total - \$25.00
minimum per sample Normal 3-5 Days

Invoice/Billing Address (if different than above): _____

Payment method: Purchase Order # /Authorization _____

Credit card Visa MasterCard Card Holder Name _____

Card Holder Contact _____ Phone _____



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Sample Submission Form

Analysis Information Inquire about Analyses not Listed.

Sample Identification:				
Special Instructions:				
Element/Compound				
Al – Aluminum *	F - Fluoride	Ni – Nickel *	Ag – Silver	
Sb – Antimony *	Gd - Gadolinium	Nb – Niobium *	Na – Sodium *	
As – Arsenic *	Ga – Gallium *	N -Nitrogen (IGF)	Sr – Strontium *	
Ba - Barium *	Ge - Germanium	N - Nitrogen (Kj)	S – Sulfur (Grav)	
Be – Beryllium *	Au - Gold	N - NO2 - Nitrite	S – Sulfur (CID)	
Bi – Bismuth *	Hf – Hafnium *	N - NO3 - Nitrate	S – Sulfur (Active)	
B – Boron *	Ho - Holmium	Os - Osmium	SO4 - Sulfate	
Br - Bromide	H - Hydrogen (IGF)	O - Oxygen (IGF)	Ta – Tantalum *	
Cd – Cadmium *	H - Hydrogen (VHE)	Pd - Palladium	Te - Tellurium	
Ca - Calcium *	In – Indium *	P + Phosphorus *	Tb – Terbium	
C - Carbon (CID)	I - Iodide	PO4 - Phosphate	Tl – Thallium	
C - Carbon (Free)	Ir - Iridium	Pt - Platinum	Th - Thorium	
Ce - Cerium	Fe – Iron *	K – Potassium *	Tm – Thulium	
Cs - Cesium	La – Lanthanum *	Pr - Praseodymium	Sn – Tin *	
Cl - Chloride	Pb – Lead *	Re – Rhenium	Ti – Titanium *	
Cl – Chloride (Grav)	Li – Lithium *	Rh – Rhodium	W – Tungsten *	
Cr – Chromium *	Lu - Lutetium	Rb – Rubidium	U – Uranium	
Co – Cobalt *	Mg – Magnesium *	Ru – Ruthenium	V – Vanadium *	
Cu – Copper *	Mn – Manganese *	Sm – Samarium	Yb - Ytterbium	
Dy - Dysprosium	Hg - Mercury	Sc – Scandium	Y – Yttrium *	
Er - Erbium	Mo – Molybdenum *	Se – Selenium *	Zn – Zinc *	
Eu - Europium	Nd - Neodymium	Si – Silicon *	Zr – Zirconium *	



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* Semi-Quantitative Scan for metallic trace elements. All values in excess of .01% reported.

CID = Combustion infrared detection
 IGF = Inert gas fusion
 Kj = Kjeldahl method

Grav = Gravimetric
 VHE = Vacuum hot extraction

Nuclear Application Analysis Information
Inquire about Analyses not Listed.

Sample Identification: _____

Required specification: _____

GE _____ MIL _____ Other _____

Special Instructions: _____

Element/Compound					
T	WL	Metals	T	WL	
		Al - Aluminum			Total Halogens (Br, Cl, F, I)
		Sb - Antimony			Br - Bromide
		As - Arsenic			Cl - Chloride
		Bi - Bismuth			F - Fluoride
		B - Boron			I - Iodide
		Cd - Cadmium			PO ₄ - Phosphate
		Co - Cobalt			P - Phosphorus
		Cu - Copper			S - Sulfur
		Ga - Gallium			SO ₄ - Sulfate
		In - Indium			NO ₂ - Nitrite
		Pb - Lead			NO ₃ - Nitrate
		Hg - Mercury			Other Analyses
		Mg - Magnesium			Mixed Limit Sum
		Mo - Molybdenum			S - Sulfur (Active)
		Se - Selenium			Specific Gravity
		Na - Sodium			Density
		Si as SiO ₃ - Silicon as Silicate			C - Graphitic Carbon (Grav)
		Ag - Silver			C - Total Carbon (CID)
		Te - Tellurium			Ash
		Tl - Thallium			Volatiles



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		Sn - Tin		Moisture
		Zn - Zinc		PTFE - Gravimetric
		Total Metals detected		PTFE - F as PTFE
				Solvent Extraction

T = Total

WL = Water leachable (Water Soluble)

Grav = Gravimetric

CID = Combustion infrared detection