Microwave Assisted Total Metals Digestion

Batch ID:	TD-	Digestion Start Date & Time:		30 % Hydrogen Peroxide	LIMS S/N:
Analysis and Block ID:	S-ICP-TO	Digestion End Date & Time:		Nitric Acid	LIMS S/N:
	S-ICPMS-TO	Final Volume:		Hydrofluoric Acid	LIMS S/N:
		Digestion Block Temperature 1:	°C Acceptable Range: 92-97 °C	Boric Acid	LIMS S/N:
Spike Witness:		Digestion Block Temperature 2:	°C Acceptable Range: 92-97 °C	Hydrochloric Acid	LIMS S/N:
Prep Analyst:		Digestion Block Temperature 3:	°C Acceptable Range: 92-97 °C	SOP:	

Microwave Session 1 Temperature (°C): Carousel 1:	Carousel 2:	Carousel 3:	
Microwave Session 2 Temperature (°C): Carousel 1:	Carousel 2:	Carousel 3:	
Microwave Session 3 Temperature (°C): Carousel 1:	Carousel 2:	Carousel 3:	

60 °C Percent Solid	105 °C Percent Solid	Minimum weight needed for 0.250 g dry weight	**Sample ID**	60 °C Sample Weight	Total Weight Vessel, Sample, & Acid Before **First Microwave Session**	Total Weight After **First Microwave Session**	Percent Sample Loss During Session 1	Total Weight Vessel, Sample, & Acid Before **Second Microwave Session**	Total Weight After **Second Microwave Session**	Percent Sample Loss During Session 2	Sample Dry Weight	**Preparation Comments / Standard Documentation**	CAROUSEL	
NA	NA	NA	**D-BLK**	NA			#DIV/0!			#DIV/0!	NA		A	2
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		#DIV/0!					#DIV/0!			#DIV/0!	#DIV/0!		A	4
		#DIV/0!	**0** **S1**				#DIV/0!			#DIV/0!	#DIV/0!		A	5
		#DIV/0!	**0** **S2**				#DIV/0!			#DIV/0!	#DIV/0!		A	6
		#DIV/0!	**0** **MIN**				#DIV/0!			#DIV/0!	#DIV/0!		A	7
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		#DIV/0!					#DIV/0!			#DIV/0!	#DIV/0!		C	7
		#DIV/0!					#DIV/0!			#DIV/0!	#DIV/0!		C	8