









## Metals Waste

Lab	Analysis	Bottle	Bottle Name	Preservative	Sampling Instructions	Storage Instructions	Minimum Sample Required, Exceptional Circumstances only
Metals	Metals Analysis		120mL Metals Pot with white lid	None	Do not rinse. Fill to 100mL. Fill completely if Boron is required	Refrigerate at 5±3°C	20mL
	Phosphorus				Separate pot required. Do not rinse. Fill to 100mL		100mL
	Semi-quantitative Screening				Separate pot required. Do not rinse. Fill to 100mL		100mL
	Mercury				Separate pot required. Fill container to exclude air. Label pot with " <b>Hg</b> "		100mL
	Selenium				Separate pot required. Do not rinse. Fill to 100mL. Label Pot with " <b>SE</b> ".		100mL
	Tin				Separate pot required. Do not rinse. Fill to 100mL. Label Pot with " <b>SN</b> ".		100mL
	MCERTS Metals				Do not rinse. Fill to 100mL.		100mL
Metals - CIP2 Analyses	Metals Analysis		120mL Metals Pot with white lid	None	Use a plastic sampling vessel. Rinse once with water to be sampled and fill completely	Refrigerate at 5±3°C	120mL
	Soluble Metals Analysis				Use a plastic sampling vessel. Filter through 0.45µM filter. Rinse once with water to be sampled and fill completely		40mL
External Metals	Hexavalent Chromium		1L PET Bottle	None	Rinse once with water to be sampled and fill completely	Refrigerate at 5±3°C	200mL
External Metals	Silver		120mL Metals Pot with white lid	None	Separate pot required. Fill container to exclude air. Label pot with " <b>Ag</b> "	Refrigerate at 5±3°C	120mL
	MCERTS Vanadium				Fill container to exclude air		120mL

External Metals	MCERTS Sodium		120mL Metals Pot with White Lid	None	Fill container to exclude air	Refrigerate at 5±3°C	120mL
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Lab	Analysis	Bottle	Bottle Name	Preservative	Sampling Instructions	Storage Instructions	Minimum Sample Required, Exceptional Circumstances only
External Metals - CIP2 Analyses	MCERTS Mercury		60mL Clear Glass Bottle ALS Bottle ALS026	Contains 0.3ml Potassium Bromate and 0.3mL Hydrochloric Acid	The bottles are date stamped and must be used by the expiry date shown. Do not rinse. Remove lid just before sampling. Slowly fill bottle to the neck, to exclude air	Refrigerate at 5±3°C	60mL
External Metals - CIP2 Analyses	Reactive Aluminium		100mL Plastic Pot - ALE502	None	Use plastic sampling vessel. Purge 20mL of the sample through each 0.45µm filter needed, before syringe filtering into the bottle. Rinse once with water to be sampled and fill completely	Refrigerate at 5±3°C	50mL
External Metals - CIP2 Analyses	Low level dissolved Mercury		125mL Plastic Pot	5mL Hydrochloric acid	Use plastic sampling vessel. Purge 20mL of the sample through each 0.45µm filter needed, before syringe filtering into the bottle. Rinse once with water to be sampled and fill completely	Refrigerate at 5±3°C	125mL
	Low level Mercury total				Fill completely		125mL

Indicates a critical sample - Analysis will be cancelled if sampling criteria is not met