



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _MERCURY

OPERATOR(S) DC

Depth	p.MeHg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (mL)	Filtration time (min)	f.MeHg 125-mL PETG bottle FRG +4°C
Z00 m	###-Z00 p.MeHg				 115561969
Z02 m	###-Z02 p.MeHg				###-Z02 f.MeHg
Depth	p.THg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (mL)	Filtration time (min)	f.THg 40-mL glass bottle FRG +4°C
Z00 m	 112537936	# 308 125,22	6860	40	###-Z00 f.THg
Z02 m	###-Z02 p.THg				###-Z02 f.THg
Depth	uf.THg 40-mL glass bottle RT				
Z00 m	###-Z00 uf.THg				
Z02 m	###-Z02 uf.THg				



7 8 1

25 40 250

20

Depth	COMMENTS	
Z00 m		
	00 0280	308 45 13215



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _W-LAB-142-1

OPERATOR(S) HUGO BERTHELOT

Depth Replicate	S320 Cryo-5mL LN2 #1	S023 Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	S<02 Cryo-5mL FRG +4°C	Filtration Volume (Litres)
Z00 R01 m			<input type="checkbox"/> 20L 22 L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L 17 L
Z00 R02 m			<input type="checkbox"/> 20L 22 L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L 22 L
Z02 R01 m	###-Z02 S320-1	###-Z02 S023	<input type="checkbox"/> 20L L	<input type="checkbox"/> 15 min. min.	###-Z02 S<02	<input type="checkbox"/> 20L L
Z02 R02 m	###-Z02 S320-2	###-Z02 S023-2	<input type="checkbox"/> 20L L	<input type="checkbox"/> 15 min. min.	###-Z02 S<02-2	<input type="checkbox"/> 20L L
Depth Replicate	P320 Cryo-5mL LN2 #1	P023 Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	< 0.2 µm	
Z00 m			<input type="checkbox"/> 50L 45 L	<input checked="" type="checkbox"/> 60 min. min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
Z02 m	###-Z02 P320	###-Z02 P023	<input type="checkbox"/> 50L 45 L	<input checked="" type="checkbox"/> 60 min. min.		
Depth Replicate	S320-L 15mL falcon -20°C + 10 mL Nucleoprotect	S023-L 15mL falcon -20°C + 10 mL Nucleoprotect	Filtration Volume (Litres)	Filtration Duration (minutes)		
Z00 m			<input checked="" type="checkbox"/> 50L L	<input type="checkbox"/> 60 min. min.		
Z02 m	###-Z02 S320-L	###-Z02 S023-L	<input type="checkbox"/> 50L L	<input type="checkbox"/> 60 min. min.		



Depth Replicate		COMMENTS S###
Z00	R01	
	m	
Z00	R02	
	m	
Z02	R01	
	m	
Z02	R02	
	m	
Depth		COMMENTS P###
Z00		
	m	
Z02		
	m	
Depth		COMMENTS S###L
Z00		
	m	
Z02		
	m	



Depth	COMMENTS TOC		COMMENTS DICTA	COMMENTS SAL
Z00	* One out of 2 MQ dispenser broken so we used MQ water from water maker ⊕ 2nd MQ system ↳ impact cleaning ⊕ blank on all samples			
m				
Z02				
m				
Depth Replicate	COMMENTS CDOM/FDOM		COMMENTS DOC	COMMENTS NUT
Z00	R01	*	*	*
	m			
Z00	R02			
	m			
Z00	R03			
	m			
Z02	R01			
	m			
Z02	R02			
	m			
Z02	R03			
	m			



LOG_SAMPLES_ YYYY MM DD # # # _STATION- _TARDIS-SCP

2024 07 25 1 8 4

OPERATOR(S) MH

Depth	PPL Falcon-50mL FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)	HLB Falcon-50mL FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)
Z00 R01 m		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
Z00 R02 m		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
Z00 R03 m		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
Z00 R04 m		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
Z02 R01 m		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
Z02 R02 m		<input type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.		<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
Z02 R03 m		<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.		<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
Z02 R04 m		<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.		<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
Depth Replicate	MB320 50mL-Falcon FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)	MB033 50mL-Falcon FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)
Z00 m		<input checked="" type="checkbox"/> 16L	<input checked="" type="checkbox"/> 30 min.		<input checked="" type="checkbox"/> 16L	<input checked="" type="checkbox"/> 30 min.
Z02 m		<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min.		<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min.



Depth		COMMENTS
Z00	R01	* One out of 2 MQ dispenser broken so we used MQ water from water maker ⊕ 2nd MQ system ↳ impact cleaning ⊕ blank on all samples
	m	
Z00	R02	*
	m	
Z00	R03	*
	m	
Z00	R04	*
	m	
Z02	R01	
	m	
Z02	R02	
	m	
Z02	R03	
	m	
Z02	R04	
	m	



LOG_SAMPLES_ YYYY MM DD
2024 07 25

_STATION- # # #
1 8 4 _S-LAB-OTHER

OPERATOR(S) THOMAS HAIZE

Depth Replicates	● HC Cryo-5mL LN2 #1	● HC-G Cryo-5mL LN2 #1	○ CP-G Cryo-5mL LN2 #1	● SG Cryo-5mL LN2 #1	● FC-P Cryo-2mL LN2 #3	● FC-G Cryo-2mL LN2 #3
Z00 R01 m						
Z00 R02 m						
Z00 R03 m				Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at - 20°C
Z00 R04 m			Glycerol prealiquot - RT			
Z00 R05 m				DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C
Z00 R06 m						
Z00 R07 m						
Z00 R08 m						
Prealiquot	No prealiquot	Glycerol prealiquot - RT		+ 100 µL ZnCl ²	+ 100 µL ZnCl ²	+ 100 µL ZnCl ²
Depth Replicate	eDNA Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	+ 50 mL of buffer	< 0.45 µm	
Z00 m		<input checked="" type="checkbox"/> 30L L	<input type="checkbox"/> 30 min. 23 min.			



Depth	Replicates	○ CP-G Cryo-5mL LN2 #1	● SG Cryo-5mL LN2 #1	● FC-P Cryo-2mL LN2 #3	● FC-G Cryo-2mL LN2 #3		
Z02	R01 m	###-Z02 CP-G-1	###-Z02 SG-1	###-Z02 FC-P-1	###-Z02 FC-G-1		
Z02	R02 m	###-Z02 CP-G-2	###-Z02 SG-2	###-Z02 FC-P-2	###-Z02 FC-G-2		
Z02	R03 m	###-Z02 CP-G-3	Glycine- betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at - 20°C		
	Prealiquot	Glycerol prealiquot - RT					
					DGAS 12 mL extainer +4°C	DGAS 12 mL extainer +4°C	DGAS 12 mL extainer +4°C
					###-Z02 DGAS-1	###-Z02 DGAS-2	###-Z02 DGAS-3
					+ 100 µL ZnCl ²	+ 100 µL ZnCl ²	+ 100 µL ZnCl ²
COMMENTS							



Depth		COMMENTS SG5
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Z00	R01	
	m	












Z00	R02	
	m	

Depth		COMMENTS FM5
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Z00	R01	
	m	

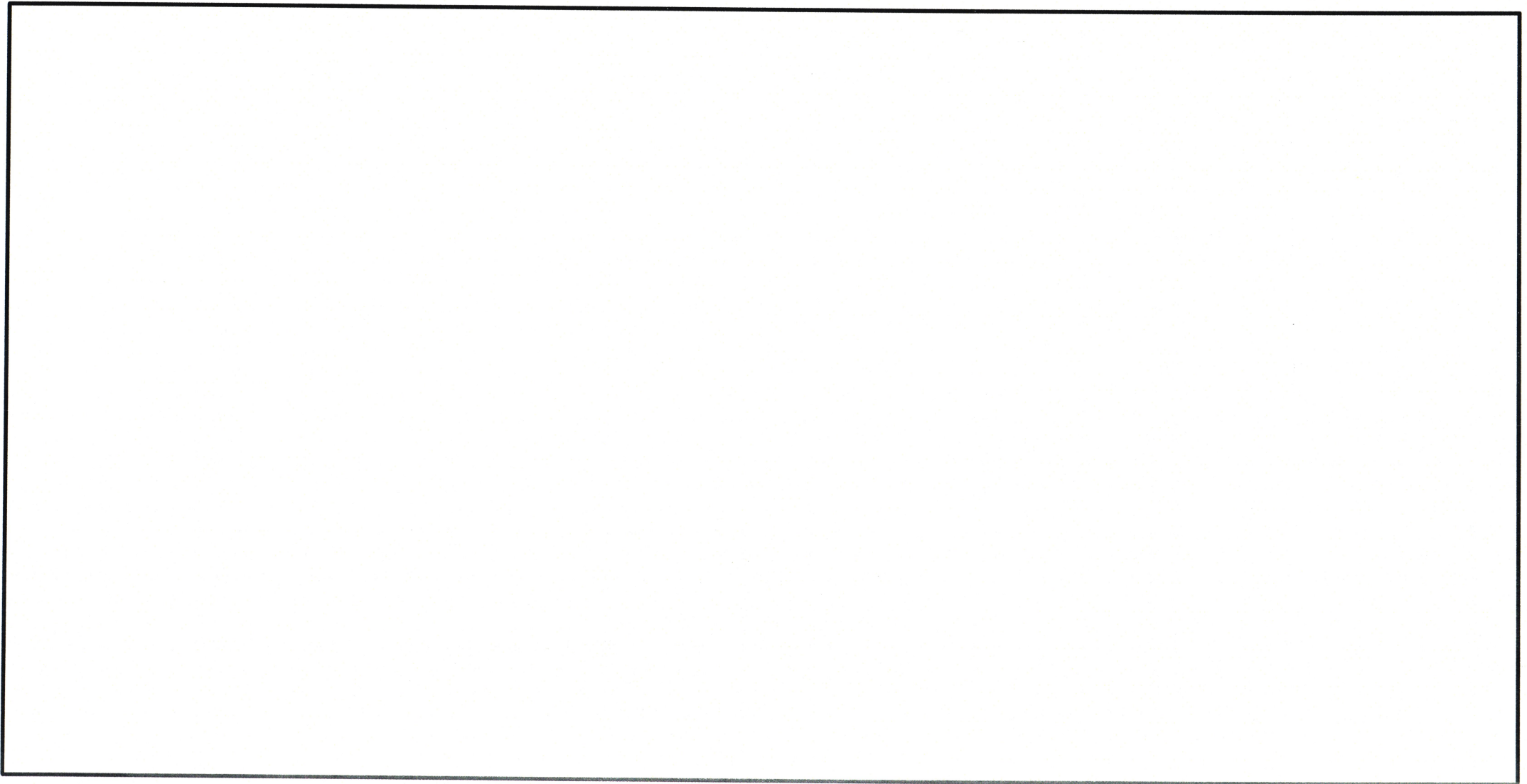
Z00	R02	
	m	

	YYYY	MM	DD	HH	MM	#	#	#	OPERATOR(S) INITIALS
	2024	07	25						HAIZE THOMAS
						_STATION-	188		_SML

Water Collection		Number of dips:	Volume Collected (L)		
Protocol	Quantity, Container Storage	Replicate 1	Replicate 2	Replicate 3	Comments
SML-FC	Cryotube (2ml) 1.5ml sample + 30 µl Glute 25% LN2 (-80°C)	 C-1 112537425	 C-2 112537426		
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	 P-1 112537427	 P-2 112537428	 3 112537429	
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	 P-1 112537430	 0-2 112537431	 3 112537432	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	 -1 112537433	 23-2 112537434	 3-3 112537435	

YYYY	MM	DD	HH	MM	#	#	#	OPERATOR(S) INITIALS
						_STATION-		_SML

Water Collection		Number of dips:	Volume Collected (L)		
Protocol	Quantity, Container Storage	Replicate 1	Replicate 2	Replicate 3	Comments
SML-FC	Cryotube (2ml) 1.5ml sample + 30 µl Glute 25% LN2 (-80°C)	### SML-FC-1	### SML-FC-2		
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	### SML-CP-1	### SML-CP-2	### SML-CP-3	
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	### SML-320-1	### SML-320-2	### SML-320-3	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	### SML-023-1	### SML-023-2	### SML-023-3	





LOG_SAMPLES_ **2024** **07** **25** _STATION- **1** **8** **4** _PPN2-PPN2exe

OPERATOR(S) **THOMAS HAIZE**

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz
Z00 m	1	16:54	7 : 00
Z00 m	2	16:54	7 : 00
Z00 m	3	6 : 54	7 : 00

Depth	Natural abundance - T0	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time - start	Filtration time - end
Z00 m	NAT-1		2270	8 : 48	9 : 08
Z00 m	NAT-2		2270	8 : 48	9 : 09
Z00 m	NAT-3		2270	8 : 48	9 : 09

24h (+/- 30min) later

Filtration < 40min

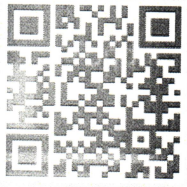
Depth	Incubated bottle	PPN2 Filter in alu -20°C	PPN2exe* Exetainer-12mL +4°C	Filtration volume (mL)	Filtration time - start	Filtration time - end
Z00 m	PPN2-1			2270	9:58	10:22
Z00 m	PPN2-2			2270	9:58	10:22
Z00 m	PPN2-3			2270	9:58	10:22
	BLANK		* +100 µL ZnCl			



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-25-1

OPERATOR(S) ZH

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)
Z00	1. 0.6829 2. 0.6126 3. 0.6127	###-Z00 PM-CTRL	mL	N° Weight
Z02	1. 2. 3.	TRIPPLICATES ONCE A MONTH FOR HP	HP Cryo-2mL LN2 #3	Filtration Volume (mL) Filtration Duration (minutes)
Depth	PA Petridish FRZ -20°C	Filtration Volume (mL)	Z00 R01 m	 2270 30 min.
Z00		2270 mL	Z00 R02 m	###-Z00 HP-2 30 min.
			Z00 R03 m	###-Z02 HP-3 30 min.
			Z02 R01 m	###-Z02 HP 30 min.
Depth	PM Petridish FRZ -20°C	Filtration Volume (mL)	N° filtre + weight (mg)	FOI Petridish FRZ -20°C Filtration Volume (mL) N° filtre + weight (mg)
Z00 R01		2270 mL	N° T23-216 Weight 36,219	 2270 mL N° T23-4 Weight 35,049
Z00 R02		2270 mL	N° F35 Weight 36,305	 2270 mL N° T23-248 Weight 37,472
Z00 R03		2270 mL	N° T23-213 Weight 35,519	 2270 mL N° TE384 Weight 37,765



Depth Replicate	COMMENTS PM	COMMENTS FOI
Z00 R01 m		
Z00 R02 m		
Z00 R03 m		

Depth Replicate	COMMENTS PA - HP
Z00 m	
Z02 m	



YYYY MM DD

LOG-SAMPLES_

2024 07 25

_STATION-

1 8 4

_S-LAB-NET-20

OPERATOR(S)

ZM

Net 20 μ m

Decknet

Deployed at sea

SAMPLE SPLITTING

of cod-ends

1 2

Total volume

1600 mL

Aliquots vol.

200 mL

PROTOCOLS

Barcode

Aliquot volume (mL)

Filtration time

Barcode

Aliquot volume (mL)

Filtration time

S20
Cryo-5mL
LN2 #1



112537952

200 mL (1/8)

150 mL

15 mn



112537953

200 mL (1/8)

150 mL

15 mn

FCAM20
Bottle-250mL
LIVE



115562003

200 mL (1/8)

E20
Falcon-15mL
+ 15mL ETOH
FRZ -20°C



115562004

200 mL (1/8)

S20-L
Falcon-5mL
FRZ -20°C
+ 5 mL
NucleoProtect



115562005

200 mL (1/8)

150 mL

MB20
Vial-4mL
FRZ -20°C



115562006

200 mL (1/8)

FM20
Falcon-50mL
FRG +4°C
Prealiquoted
PFA+GLUTA
store at -20°C



115562007

45 mL



115562008

45 mL

HG-20
Falcon-15mL
FRZ -20°C



115562009

750



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
S20 Cryo-5mL LN2 #1		
FCAM20 Bottle-250mL LIVE		
E20 Falcon-15mL FRZ -20°C		
S20-L Falcon-5mL FRZ -20°C		
MB20 Vial-4mL FRZ -20°C		
FM20 Falcon-50mL FRG +4°C		



LOG-SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-NET-200

OPERATOR(S) ZM

Horizontal
WP11-200

SAMPLE
SPLITTING

COD-END #1

PROTOCOLS

Barcode

Fraction of
total volume

Aliquot
Volume (mL)

F200
Bottle-250mL
+
borax/formol
RT >10°C



100%



250 mL

%



500 mL

SAMPLE
SPLITTING

COD-END #2

Total volume



1600 mL

PROTOCOLS

Barcode

Filtered
volume (mL)

Filtration time

Barcode

Filtered
volume (mL)

Filtration time

S200
Cryo-5mL
LN2 #1



50



15 min



50



15 min

S200-L
Falcon-5mL
FRZ -20°C
+ 5mL Nucleo



50

HG-200
Falcon-15mL
FRZ -20°C



600



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
F200 Bottle-250mL RT >10°C		
SAMPLE SPLITTING		
PROTOCOLS		
S200 Cryo-5mL LN2 #1		
S200-L Falcon-5mL FRZ -20°C		



LOG-SAMPLES_ YYYY MM DD # # # _STATION- _S-LAB-NET-680

OPERATOR(S)

2024 07 25 1 8 4

ZM

Régent 680

SAMPLE SPLITTING	NET TOW n°		NET TOW n°		FLOWMETER		Total volume	
	FLOWMETER							
	24353	2	28053	1	17079	20577		
					<input checked="" type="checkbox"/>	1600 mL		
PROTOCOLS	Barcode	Fraction of total volume	Bottle volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)		
F680 Bottle-250mL RT >10°C + Borax/Formol		<input checked="" type="checkbox"/> 100 %	<input checked="" type="checkbox"/> 250 mL					
		%	<input type="checkbox"/> 500 mL					
F2000 Bottle-250mL RT >10°C + borax/formol	### EPI F2000	hand-picked	<input type="checkbox"/> 250 mL					
		#ind=	<input type="checkbox"/> 500 mL					
S680-L Falcon-5mL FRZ -20°C + 5mL Nucleoprotect					<input type="checkbox"/> 100 %	200 mL		
					%			
HG-680 Falcon-15mL FRZ -20°C					1350			

