Waterbath checklist

Instrument Type								
Brand		.				40	afety	
Model		Performance	Accuracy	Uniformity	ility	Cleanliness	Electrical Safety	FAIL
Serial Number (Optional)		1. Perf	2. Acc	3. Unif	4. Sterility	5. Clea	6. Elec	PASS FAIL
Recommended Checks		•	•	•	•	•	•	
Performance Test to ensure full functionality of Instrument	Display: Functioning correctly Buttons: Working correctly Alarms: Functioning correctly	•						
Accuracy Calibration check to ensure that the instrument is providing accurate results	Temperature: Verify calibration, test with suitable certified thermometer Temperature Calibration: Adjust temperature setting to certify able to recalibrate		•					
Uniformity Confirm temperature distribution uniformity throughout waterbath.	Temperature uniformity: Verify temperature uniformity across the tank is with in manufacturers' specifications using a suitable certified thermometer			•				
Sterility Ensure you do not have bacterial or fungal growth	Clean: Sterilise water bath Microbiology: Swab and check for microbe and fungal growth				•			
Cleanliness Routine instrument maintenance to ensure ongoing performance.	Visual inspection: Check for signs of wear eg. Stains, rust spots, pitting, scale build up, cracked housing Accessories: Drainage tube, clean and operational					•		
Electrical Safety* Recommended checks to ensure correct performance and safety.	Certified: Current certificate of electrical safety Power supply: Clean and undamaged Electrical Cable: Undamaged and correct fitment						•	
* All electrical functionality testing should be	performed by a licensed electrician.	NOT R		MENI		O •		S Y
Operator Name:		_						

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Signature:

Heat block and dry bath checklist

Instrument Type								
Brand		, o					afety	
Model		1. Performance	Accuracy	Uniformity	ility	Cleanliness	Electrical Safety	FAIL
Serial Number (Optional)		1. Perf	2. Acc	3. Unif	4. Sterility	5. Clea	6. Elec	PASS FAIL
Recommended Checks		•	•	•	0	•	•	•
Performance Test to ensure full functionality of Instrument	Display: Functioning correctly Buttons: Working correctly Warning light: Heat and Warning light activated while activated Icons: Function correctly, correct mode displayed	•						
Accuracy Calibration check to ensure that the instrument is providing accurate results	Temperature: Verify calibration, test with suitable certified thermometer Temperature Calibration: Adjust temperature setting to certify able to recalibrate		•					
Uniformity Confirm temperature distribution uniformity across block.	Temperature uniformity: Verify temperature uniformity across the block is with in manufacturers' specifications using a suitable certified thermometer			•				
Cleanliness Routine instrument maintenance to ensure ongoing performance.	Block: Confirm each well is free from debris i.e. Dust, residue Unit: Visual inspection free from dust and residues Accessories: Clean and operational					•		
Electrical Safety* Recommended checks to ensure correct performance and safety.	Certified: Current certificate of electrical safety Power supply: Clean and undamaged Liquid Contamination: Free from liquid exposure Electrical Cable: Undamaged and correct fitment						•	
* All electrical functionality testing should be	e performed by a licensed electrician.	NOT F		/MENI /MENI		0		s y Il X
Operator Name:		_				•	.,,	- -
Signature:				Th	ern	nol	Fist	ner

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Hotplates and stirrer checklist

Instrument Type								
Brand		0					afety	
Model		Performance	Accuracy	Uniformity	ility	Cleanliness	Electrical Safety	FAIL
Serial Number (Optional)		1. Perf	2. Acci	3. Unif	4. Sterility	5. Clea	6. Elec	PASS FAIL
Recommended Checks		•	•	0	0	•	•	
Performance Test to ensure full functionality of Instrument	Display: Functioning correctly Buttons: Working correctly Temperature: Able to adjust the temperature both up and down Stirrer: Able to adjust the speed of the rotation both up and down Warning light: Warning light activated while the plate is over 50oC Stirrer: Rotates when the switch is activated Icons: Function correctly, correct mode displayed	•						
Accuracy Calibration check to ensure that the instrument is providing accurate results	Temperature: Verify calibration, test with suitable certified thermometer Temperature Calibration: Adjust temperature setting to certify able to recalibrate		•					
Cleanliness Routine instrument maintenance to ensure ongoing performance.	Visual inspection: Check for signs of wear e.g. Stains, rust spots, pitting, scale build up, cracked housing Accessories: Clean and operational					•		
Electrical Safety* Recommended checks to ensure correct performance and safety.	Certified: Current certificate of electrical safety Electrical Cable: Undamaged and correct fitment						•	
* All electrical functionality testing should be	e performed by a licensed electrician.	NOT F	RECON			0		S Y
Operator Name:		_	_5511			-	. , (
Signature:		_			ern			

Rockers rotators & vortex mixers

Instrument Type								
Brand		ø					Safety	
Model		1. Performance	Accuracy	Uniformity	ility	Cleanliness	Electrical S	FAIL
Serial Number (Optional)		1. Perf	2. Acci	3. Unif	4. Sterility	5. Clea	6. Elec	PASS FAIL
Recommended Checks		•	0	0	0	•	•	
Performance Test to ensure full functionality of Instrument	Display: Functioning correctly Buttons: Working correctly Stirrer: Able to adjust the speed of the rotation both up and down Accessories: Supplied accessories in functional condition? E.g. clamps, mats, tube adapters Icons: Function correctly, correct mode displayed	•						
Cleanliness Routine instrument maintenance to ensure ongoing performance.	Visual inspection: Check for signs of wear e.g. Stains, rust spots, pitting, scale build up, cracked housing Accessories: Clean and operational					•		
Electrical Safety* Recommended checks to ensure correct performance and safety.	Certified: Current certificate of electrical safety Electrical Cable: Undamaged and correct fitment						•	
* All electrical functionality testing should be	e performed by a licensed electrician.	NOT F		/ MENI MENI		•		S Y
Operator Name:		_						
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pH meter checklist

Instrument Type								
Brand		Ф					afety	
Model		1. Performance	Accuracy	Uniformity	ility	Cleanliness	Electrical Safety	FAIL
Serial Number (Optional)		1. Perf	2. Accı	3. Unif	4. Sterility	5. Clea	6. Elec	PASS FAIL
Recommended Checks		•	•	0	0	•	•	
Performance Test to ensure full functionality of Instrument	Display: Functioning correctly Buttons: Working correctly Icons: Function correctly, correct mode displayed	•						
Accuracy Calibration check to ensure that the instrument is providing accurate results	Correct pH of reference buffer Correct temperature adjustment Acceptable calibration slope		•					
Cleanliness Routine instrument maintenance to ensure ongoing performance.	Meter: Free for residue and dust Electrode + ATC: Clean and stored appropriately Keypad: Clean and functions visible Display: Clean and Unobstructed					•		
Electrical Safety* Recommended checks to ensure correct performance and safety.	Certified: Current certificate of electrical safety Power supply: Clean and undamaged Electrical Cable: Undamaged and correct fitment						•	
* All electrical functionality testing should be	e performed by a licensed electrician.	NOT F		MENI		O		s y
Operator Name:								
Signature:					ern : E			

Dissolved oxygen meter checklist

Instrument Type								
Brand		9					afety	
Model		Performance	Accuracy	Uniformity	ility	Cleanliness	Electrical Safety	FAIL
Serial Number (Optional)		1. Perf	2. Accı	3. Unif	4. Sterility	5. Clea	6. Elec	PASS FAIL
Recommended Checks		•	•	0	0	•	•	
Performance Test to ensure full functionality of Instrument	Display: Functioning correctly Buttons: Working correctly Icons: Function correctly, correct mode displayed	•						
Accuracy Calibration check to ensure that the instrument is providing accurate results	Air Air saturated water Zero dissolved oxygen solution		•					
Cleanliness Routine instrument maintenance to ensure ongoing performance.	Meter: Free for residue and dust Electrode: Clean and stored appropriately Keypad: Clean and functions visible Display: Clean and Unobstructed					•		
Electrical Safety* Recommended checks to ensure correct performance and safety.	Certified: Current certificate of electrical safety Power supply: Clean and undamaged Electrical Cable: Undamaged and correct fitment						•	
* All electrical functionality testing should be	e performed by a licensed electrician.	NOT F	RECON			•		s y Il X
Operator Name:								
Signature:		_		Th	ern : E	nol	ist F	ier

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Ion titrator | conductivity meter

Instrument Type								
Brand		Ф					afety	
Model		1. Performance	uracy	Uniformity	ility	Cleanliness	Electrical Safety	FAIL
Serial Number (Optional)		1. Perf	2. Accuracy	3. Unif	4. Sterility	5. Clea	6. Elec	PASS FAIL
Recommended Checks		•	•	0	0	•	•	
Performance Test to ensure full functionality of Instrument	Display: Functioning correctly Buttons: Working correctly Icons: Function correctly, correct mode displayed	•						
Accuracy Calibration check to ensure that the instrument is providing accurate results	Correct measurement of reference standard Correct temperature adjustment Acceptable calibration slope		•					
Cleanliness Routine instrument maintenance to ensure ongoing performance.	Meter: Free for residue and dust Keypad: Clean and functions visible Display: Clean and Unobstructed					•		
Electrical Safety* Recommended checks to ensure correct performance and safety.	Certified: Current certificate of electrical safety Power supply: Clean and undamaged Electrical Cable: Undamaged and correct fitment						•	
* All electrical functionality testing should be	e performed by a licensed electrician.	NOT F		MENI MENI		O		s y
Operator Name:								
Signature:					ern : E			

Turbiditor checklist

Instrument Type								
Brand		ø					afety	PASS FAIL
Model		1. Performance	Accuracy	Uniformity	ility	Cleanliness Electrical Safety		FAIL
Serial Number (Optional)		1. Perf	2. Accı	3. Unif	4. Sterility	5. Clea	6. Elec	PASS
Recommended Checks		•	•	0	0	•	•	
Performance Test to ensure full functionality of Instrument	Display: Functioning correctly Buttons: Working correctly Icons: Function correctly, correct mode displayed	•						
Accuracy Calibration check to ensure that the instrument is providing accurate results	Accurately measure standards correctly		•					
Cleanliness Routine instrument maintenance to ensure ongoing performance.	Meter: Free for residue and dust Cell compartment: Free from moisture and dirt Keypad: Clean and functions visible Housing: Free from moisture and dirt					•		

* ,	All electrical	functionality te	stina should l	be performed b	ov a licensed	electrician

NOT RECOMMENDED O PASS Y

RECOMMENDED FAIL X

Operator Name:			
Signature:			
Date:			



Color meter checklist

Instrument Type								
Brand		1. Performance 2. Accuracy 3. Uniformity 4. Sterility 5. Cleanliness 6. Electrical Safety PASS FAIL						
Model		ormano	uracy	ormity	ility	anlines	trical S	FAIL
Serial Number (Optional)		1. Perf	2. Acc	3. Unif	4. Ster	5. Clea	6. Elec	PASS
Recommended Checks		•	•	0	0	•	0	
Performance Test to ensure full functionality of Instrument	Display: Functioning correctly Buttons: Working correctly Icons: Function correctly, correct mode displayed	•	•					
Accuracy Calibration check to ensure that the instrument is providing accurate results	Calibrated to verify standards correctly		•					
Cleanliness Routine instrument maintenance to ensure ongoing performance.	Meter: Free for residue and dust Cell compartment: Free from moisture and dirt Keypad: Clean and functions visible Housing: Free from moisture and dirt					•		

* All electrical functionality testing should be performed by a licensed elect										
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RECOMMENDED FAIL X

Operator Name:			
Signature:			
Date:			

