

Report No. : 221149WA230319



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Report on Calibration of HORIBA Multifunction Meter**Information Supplied by Client**

Client : ENVIROTECH SERVICE COMPANY

Client's address : RM721, 7/F, MY LOFT, 9 HOI WING ROAD, TUEN MUN, N.T.,
HONG KONG**Calibration Item**Description : Multifunctional Meter
Manufacturer : HORIBA
Model : U-53
Serial No. : LuAVCDWu
Equipment No. : FXMONLLF**Laboratory Information**

Lab. sample ID : WA230319/1

Date sample received : 15/02/2023

Date of calibration : 27/02/2023

Next calibration date : 26/05/2023

Test method used : In-house comparison method

Note : This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

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Results :
A. pH calibration

pH value at 25°C			
Theoretical	Measured	Deviation (pH value)	Maximum acceptable Deviation (pH value)
4.0	3.98	-0.02	±0.20
7.0	6.97	-0.03	
10.0	9.97	-0.03	

B. Salinity calibration

Salinity, ppt			
Theoretical	Measured	Deviation (%)	Maximum acceptable Deviation (%)
1	1.03	+3	±10.0
10	10.37	+3.7	
20	20.02	+0.1	
30	29.19	-2.7	
40	39.25	-1.9	

C. Dissolved Oxygen calibration

Dissolved oxygen content, mg/L			
Theoretical	Measured	Deviation (mg/L)	Maximum acceptable Deviation (mg/L)
8.45	8.50	-0.05	±0.20
5.17	5.33	+0.16	
3.25	3.38	+0.13	

Certified by : Chan Hoi Yan
 Approved Signatory : CHAN Hoi Yan, Winnie
 Assistant Manager
 Date : 14-3-2023

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Results :
D. Temperature calibration

Temperature, °C			
Thermometer reading	Measured	Deviation (°C)	Maximum acceptable Deviation (°C)
25.0	25.13	+0.13	±2.0

E. Turbidity calibration

Turbidity, N.T.U.			
Theoretical	Measured	Deviation (%)	Maximum acceptable Deviation (%)
4	4.01	+0.25	±10.0
8	7.77	-2.9	
40	43.1	+7.8	
80	86.6	+8.3	

F. Conductivity calibration

Conductivity, µS/cm			
Theoretical	Measured	Deviation (%)	Maximum acceptable Deviation (%)
147	143	-2.7	±10.0
1408	1430	+1.6	
6668	6580	-1.3	
12860	13000	+1.1	
24820	24700	-0.49	

 Certified by : Chan Hoi Yan
 Approved Signatory : CHAN Hoi Yan, Winnie
 Assistant Manager

 Date : 14-3-2023
**** End of Report ****
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