

Report No. : 221149WA220558



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

Client : ENVIROTECH SERVICE COMPANY

Client's address : RM113, 1/F, MY LOFT, 9 HOI WING ROAD, TUEN MUN, N.T.,
HONG KONG**Calibration Item**

Description : Multifunctional Meter

Manufacturer : HORIBA

Model : U-5000

Serial No. : -

Equipment No. : LUAVCDWU

Laboratory Information

Lab. sample ID : WA220558/1

Date sample received : 18/03/2022

Date of calibration : 21/03/2022

Next calibration date : 20/06/2022

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

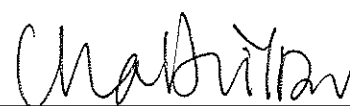
pH value at 25°C			
Theoretical	Measured	Deviation (pH value)	Maximum acceptable Deviation (pH value)
4.0	3.90	-0.10	±0.20
7.0	7.01	+0.01	
10.0	10.00	0.00	

B. Salinity calibration

Salinity, ppt			
Theoretical	Measured	Deviation (%)	Maximum acceptable Deviation (%)
0	0.03	-	±10.0
10	10.70	+7.0	
20	20.89	+4.5	
30	30.80	+2.7	
40	40.65	+1.6	

C. Dissolved Oxygen calibration

Dissolved oxygen content, mg/L			
Theoretical	Measured	Deviation (mg/L)	Maximum acceptable Deviation (mg/L)
4.85	4.89	+0.04	±0.20
6.95	6.80	-0.15	
8.26	8.41	+0.15	

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

Date : 24-3-2022

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Results :
D. Temperature calibration

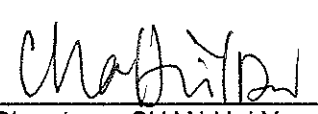
Temperature, °C			
Thermometer reading	Measured	Deviation (°C)	Maximum acceptable Deviation (°C)
10.5	10.21	-0.29	±2.0
20.3	20.53	+0.23	
40.2	39.99	-0.21	

E. Turbidity calibration

Turbidity, N.T.U.			
Theoretical	Measured	Deviation (%)	Maximum acceptable Deviation (%)
0	0.18	-	±10.0
4	3.98	-0.5	
40	39.5	-1.3	
80	80.6	+0.8	
400	398	-0.5	
800	803	+0.4	

F. Conductivity calibration

Conductivity, µS/cm			
Theoretical	Measured	Deviation (%)	Maximum acceptable Deviation (%)
146.9	152	+3.5	±10.0
1408	1520	+8.0	
6667	6530	-2.1	
12890	13500	+4.7	
24820	25100	+1.1	

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

Date : 24-3-2022
**** End of Report ****

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