

Report No. : 221149WA221156



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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-5000
Serial No. : -
Equipment No. : UAMJ30TE

Laboratory Information

Lab. sample ID : WA221156/1
Date sample received : 01/06/2022
Date of calibration : 10/06/2022
Next calibration date : 09/09/2022
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	3.98	-0.02	±0.20
7.0	6.99	-0.01	
10.0	9.90	-0.10	

B. Salinity calibration

Salinity, ppt			
Theoretical	Measured	Deviation (%)	Maximum acceptable Deviation (%)
0	0.01	+0.01	±10.0
10	10.34	+0.34	
20	20.30	+0.30	
30	30.28	+0.28	
40	39.89	-0.11	

C. Dissolved Oxygen calibration

Dissolved oxygen content, mg/L			
Theoretical	Measured	Deviation (mg/L)	Maximum acceptable Deviation (mg/L)
8.15	8.15	0.00	±0.20
5.14	4.99	-0.15	

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

 Date : 16-6-2022
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Results :
D. Temperature calibration

Temperature, °C			
Thermometer reading	Measured	Deviation (°C)	Maximum acceptable Deviation (°C)
10.0	10.91	+0.91	±2.0
21.8	22.39	+0.59	
39.5	39.86	+0.36	

E. Turbidity calibration

Turbidity, N.T.U.			
Theoretical	Measured	Deviation (%)	Maximum acceptable Deviation (%)
0	0.00	-	±10.0
4	3.82	-0.18	
40	40.2	-0.18	
80	79.5	+0.8	
400	397	-0.5	
800	805	+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	

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 Assistant Manager

 Date : 16.6.2022
**** End of Report ****
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