

Job Card No: RDKL/2324/FW/J00019

Sample Requisition No: RDKL/FW/2324/SR00013

Parameter = pH, conductivity, Total Solids.

Allocation Date = 04/10/2023 Due Date = 13/10/2023

Test Start Date = 04/10/2023 Test End Date = 06/10/2023

Name of Supervisor = Md A. Rafique.

S.No.	Sample code	pH	Conductivity ($\mu\text{s}/\text{cm}$)	Temp $^{\circ}\text{C}$
01	pH-4	3.930 = 3.9	—	25
02	pH-7	6.981 = 7.0	—	25
03	pH-9.18	8.980 = 9.0	—	25
04	Standard KCL (0.01M)	—	1412	25
05	distill. water	5.561 = 5.6	1.51 = 1.5	25
06	2324/RDKL/FW/FW/L00007	5.598 = 5.6	1.165 = BLQ	✓

Total Solids (TS)

S.No.	Sample code	Sample vol (ml)	Beaker No.	Initial wt of Beaker (g)	Final wt of Beaker (g)	Result (mg/L)
01)	2324/RDKL/FW/FW/L00007	100	3P	i) 45.6499 ii) 45.6499	i) 45.6501 ii) 45.6501	= 2 = BLQ

$$\text{Calculation: TS (mg/L)} = \frac{\text{Final wt Beaker (g)} - \text{Initial wt Beaker (g)}}{\text{Sample vol (ml)}} \times 100$$

37014/L

06.10.2023

Dr. Rafique
09.10.23