

Allocation Date: 13/10/23, Due date: 30/10/2023

रू० आर० रूफ० संख्या: SR00022, FW/SR00016

कम संख्या: 22, 16

पैरामीटर: ALKALINITY

नमूना जांच की तिथि: 13/10/2023

कुल नमूनों की संख्या: 06

सुपरवाइजर का नाम: मा० रू० रफीक

Sl. NO.	Sample code	Volume of Sample (ml)	Initial Bot. Rd. (ml)	Final Bot. Rd. (ml)	Diff. (ml)	Result (mg/L)
01	Stand. Na ₂ CO ₃ +	10 ml →	0.0	24.8	24.8 → 0.0201(N)	
02	Blank →	50 ml →	24.8	24.9	0.1 → Blank	
03	2324/RDKL/WW/WW/100030 →	50 ml →	> range	—	—	—
04	2324/RDKL/WW/WW/100030 →	50 ml → (5d)	0.0	5.2	5.2	513
05	2324/RDKL/WW/WW/100031 →	50 ml →	> range	—	—	—
06	2324/RDKL/WW/WW/100031 →	10 ml → (5d)	0.0	6.9	6.9	683
07	2324/RDKL/FW/FW/100014 →	25 ml →	6.9	12.4	5.5	221
08	2324/RDKL/FW/FW/100015 →	25 ml →	12.4	17.9	5.5	221
09	2324/RDKL/FW/FW/100016 →	25 ml →	17.9	23.4	5.5	221

$$\text{Alkalinity (mg/L)} = \frac{(0.0201(N) \text{ H}_2\text{SO}_4 \text{ Consumed} - \text{Blank}) \times N \times 50000}{\text{Volume of Sample (ml)}}$$

13/10/23

J. Rafiq
16.10.23

Allocation Date: 13/10/23, Due date: 30/10/2023

रजो आरं रफो संख्या: SR00022 & FWISR00016

क्रम संख्या: 22 & 16

पैरामीटर: CHLORIDE

नमूना जांच की तिथि: 13/10/23

कुल नमूना की संख्या: 06

रुपवाहक का नाम: मीठ रफिक

Sl. No.	Sample Code	Volume of Sample (ml)	Initial Bst. Rd. (ml)	Final Bst. Rd. (ml)	Diff. (ml)	Result (mg/L)
01	Stand. NaCl (0.014N)	10 ml	0.0	10.2	10.2	0.0138 (N)
02	Blank (DW)	50 ml	10.2	10.3	0.1	Blank
03	Blank 25 ml (DW)	25 ml	10.3	One drop	-	Blank
04	2324/RDKL/INW/INW/100030	25 ml	0.0	4.0	4.0	78 mg/L
05	2324/RDKL/INW/INW/100029	25 ml	4.0	7.7	3.7	72 mg/L
06	2324/RDKL/INW/INW/100031	25 ml	7.7	12.2	4.5	88 mg/L
07	2324/RDKL/FW/FW/100014	25 ml	12.2	13.0	0.8	16 mg/L
08	2324/RDKL/FW/FW/100015	25 ml	13.0	13.8	0.8	16 mg/L
09	2324/RDKL/FW/FW/100016	25 ml	13.9	14.7	0.8	16 mg/L

$$\text{CHLORIDE (mg/L)} = \frac{0.0138 (N) \text{ AgNO}_3 \text{ Consumed} \times N \times 35450}{\text{Volume of sample (ml)}}$$

35 mg/L
13/10/23अ. वा. रफिक
16/10/23