

Job Card No: - RDKL/2324/WW/500190

Sample Requisition No: - RDKL/WW/2324/SR00037

Sample Code: - 2324/RDKL/WW/WW/L00066, L00069

Allocation Date: - 7/11/23

Due Date: - 22/11/23

Analysis Date: - 9/11/23

Parameter: - $\text{NH}_3\text{-N}$

Assigned by: - Md. A. Rafique

 $\text{NH}_3\text{-N}$ (Detection Limit - 1mg/L)

Sl No.	Sample Code	Sample Vol.	Initial Reading	Final Reading	Conc. (mg/L)
1.	Blank	100 ml.	0.0	0.1	
2.	Std. (4mg/L)	100 ml.	0.1	1.5	3.82 mg/L
3.	2324/RDKL/WW/WW/L00066	100 ml.	19	27	23 mg/L
4.	2324/RDKL/WW/WW/L00069	100 ml.	27	33.5	19 mg/L

10ml Na_2CO_3 (0.05) consumed 23.7 ml of H_2SO_4 soln
 $\therefore N$ of $\text{H}_2\text{SO}_4 = 0.021 (N)$

calculation:-

$$\text{NH}_3\text{-N} = \frac{(A-B) \times N \times 14000}{100} \text{ mg/L}$$

SL

Emrit
 9/11/23
 16.11.23