

(2)

RDKL/WW/2324/SR00030

Job Card No. - RDKL/2324/WW/500132

Sample Requisition No. - RDKL/WW/2324/SR00030

Sample Code. - 2324/RDKL/WW/WW/L00048 &amp; L00049

Allocation Date. - 17/10/2023

Due Date. - 31/10/2023

Date of Analysis. - 19/10/2023

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

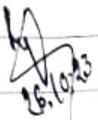
Assigned by. - Mr. A. Rafique

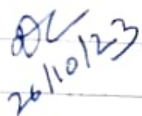
 $\text{NH}_3\text{-N}$  (Detection Limit :- 1 mg/L)

Sl No.	Sample Code	Sample Vol.	Initial Reading	Final Reading	Conc (mg/L)
1.	Blank	100 ml	0.0	0.1	
2.	Std (4 mg/L)	100 ml	0.1	1.6	4.1
3.	2324/RDKL/WW/WW/L00048	100 ml	0.0	5.2	15.0
4.	2324/RDKL/WW/WW/L00049	100 ml	5.2	7.9	7.64 ≈ 8

10 ml  $\text{Na}_2\text{CO}_3$  (0.05N) consumed 23.8 ml of  $\text{H}_2\text{SO}_4$  soln. $\therefore$  N of  $\text{H}_2\text{SO}_4$  = 0.021 (N) ✓Calculation :-

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


  
19/10/23


  
26/10/23