

Requisition No. - RDKL/WW/2324/SR00032

RDKL/WW/2324/SR00033

RDKL/WW/2324/SR00034

RDKL/WW/2324/SR00035

RDKL/WW/2324/SR00036

Test Parameter - Total Nitrogen

Date of Allotment - 1.11.23

Test Material - Water

Date of Submission - 15.11.23

Name of supervisor - Mr. Md. A. Refique.

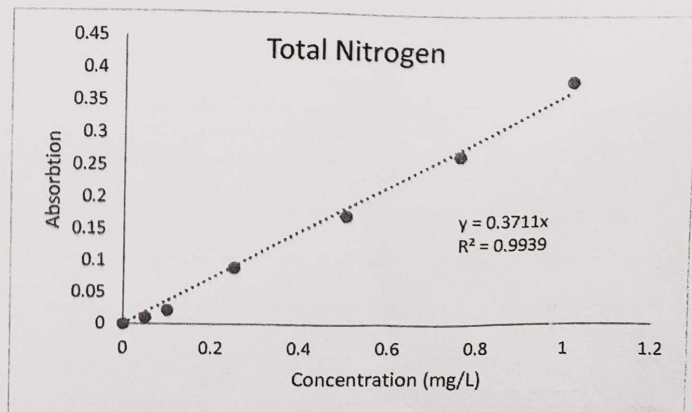
Date of Analysis - 16.11.23

Calculation: $\text{Total Nitrogen (mg/L)} = \frac{(\text{Abs} - \text{Intercept})}{\text{slope}} \times \text{dilution factor}$

Here, Intercept = 0, Slope = 0.3711

Requisition No.	Sample Code	Sample Vol. (ml)	Dilution	Absorbance	Total Nitrogen (mg/L)
RDKL/WW/2324/SR00032	2324/RDKL/WW/WW/L00053	25	25	0.305	21
	2324/RDKL/WW/WW/L00054	25	25	0.278	19
RDKL/WW/2324/SR00033	2324/RDKL/WW/WW/L00055	25	25	0.09	6
	2324/RDKL/WW/WW/L00056	25	25	0.255	17
	2324/RDKL/WW/WW/L00057	25	25	0.199	13
RDKL/WW/2324/SR00034	2324/RDKL/WW/WW/L00058	25	25	0.299	20
	2324/RDKL/WW/WW/L00061	25	25	0.217	15
RDKL/WW/2324/SR00035	2324/RDKL/WW/WW/L00062	25	25	0.048	3
	2324/RDKL/WW/WW/L00059	25	25	0.293	20
RDKL/WW/2324/SR00036	2324/RDKL/WW/WW/L00060	25	25	0.132	9
	2324/RDKL/WW/WW/L00063	25	25	0.219	15
	2324/RDKL/WW/WW/L00064	25	25	0.177	12

Concentration (mg/L)	Absorbance
0	0
0.05	0.01
0.1	0.022
0.25	0.09
0.5	0.173
0.75	0.269
1	0.387
Slope	0.3711



2324/RDKL/WW/

16.11.23

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- RDKL/WW/2324/SR00036

Test Parameter - Total Phosphorus

Date of Allotment - 1.11.23

Test Material - Water

Date of Submission - 15.11.23

Name of supervisor - Mr. Md. A. Rafique

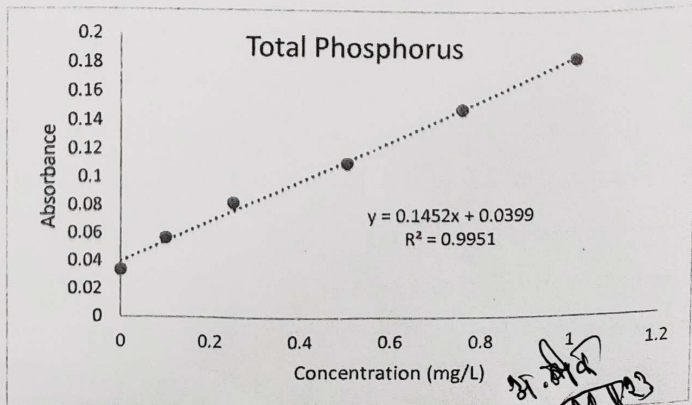
Date of Analysis - 16.11.23

Calculation: $\text{Total Phosphorus (mg/L)} = \frac{(\text{Abs} - \text{Intercept}) \times \text{dilution factor}}{\text{Slope}}$

Intercept = 0.0399 & slope = 0.1452 are obtained from standard graph.

Requisition No.	Sample Code	Sample Vol. (ml)	Dilution	Absorbance	Total Phosphorus (mg/L)
Blank	-	25	-	0.024	-
RDKL/WW/2324/SR00032	2324/RDKL/WW/WW/L00053	25	5	0.101	2.1
	2324/RDKL/WW/WW/L00054	25	5	0.098	2.0
RDKL/WW/2324/SR00033	2324/RDKL/WW/WW/L00055	25	5	0.061	0.7
	2324/RDKL/WW/WW/L00056	25	5	0.085	1.6
	2324/RDKL/WW/WW/L00057	25	5	0.124	2.9
	2324/RDKL/WW/WW/L00058	25	5	0.09	1.7
RDKL/WW/2324/SR00034	2324/RDKL/WW/WW/L00061	25	5	0.107	2.3
	2324/RDKL/WW/WW/L00062	25	5	0.099	2.0
RDKL/WW/2324/SR00035	2324/RDKL/WW/WW/L00059	25	5	0.162	4.2
	2324/RDKL/WW/WW/L00060	25	5	0.134	3.2
RDKL/WW/2324/SR00036	2324/RDKL/WW/WW/L00063	25	5	0.183	4.9
	2324/RDKL/WW/WW/L00064	25	5	0.12	2.8

Concentration (mg/L)	Absorbance
0	0.034
0.1	0.057
0.25	0.082
0.5	0.111
0.75	0.149
1	0.184
Intercept	0.0399
Slope	0.1452



Syed Lakshab Ali