

Requisition No. - RDKL/WW/2324/SR00037

RDKL/WW/2324/SR00038

RDKL/WW/2324/SR00039

RDKL/WW/2324/SR00040

RDKL/WW/2324/SR00041

Test Parameter - Total Nitrogen

Dept. & Allotment - 13.11.23

Test Material - Water

Date of Submission - 28.11.23

Name of Supervisor - Mr. Md. A. Rafique

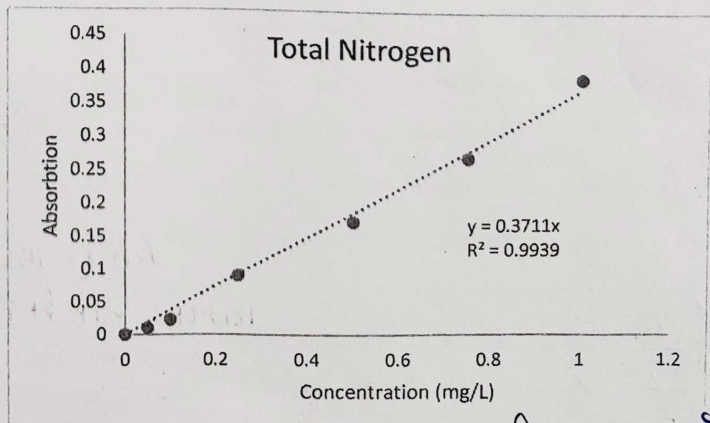
Date of Analysis - 23.11.23

Calculation: Total Nitrogen = (Abs. Intercept) / slope x dilution factor.
(mg/L)

Intercept = 0.2711 & slope = 0.3711 are obtained from std graph.

Requisition No.	Sample Code	Sample Vol. (ml)	Dilution	Absorbance	Total Nitrogen (mg/L)
Blank	Blank	25	-	0.029	-
RDKL/WW/2324/SR00037	2324/RDKL/WW/WW/L00066	25	50	0.284	38
	2324/RDKL/WW/WW/L00069	25	50	0.23	31
RDKL/WW/2324/SR00038	2324/RDKL/WW/WW/L00070	25	50	0.282	38
	2324/RDKL/WW/WW/L00073	25	25	0.245	17
RDKL/WW/2324/SR00039	2324/RDKL/WW/WW/L00074	25	50	0.297	40
	2324/RDKL/WW/WW/L00077	25	25	0.186	13
RDKL/WW/2324/SR00040	2324/RDKL/WW/WW/L00078	25	50	0.383	52
	2324/RDKL/WW/WW/L00081	25	50	0.243	33
RDKL/WW/2324/SR00041	2324/RDKL/WW/WW/L00082	25	50	0.311	42
	2324/RDKL/WW/WW/L00083	25	50	0.215	29
	2324/RDKL/WW/WW/L00084	25	50	0.267	36
	2324/RDKL/WW/WW/L00085	25	25	0.337	23
Standard	10 mg N/L	25	25	0.178	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



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