

Sl.No. 23

Parameter: Fluoride

Req. No: RDKL/FW/2324/SR00069

Sample Code: 2324/RDKL/FW/FW/L00133, L00134

Total nos. of Sample: 02

Date of Analysis: 28/02/2024

Name of Supervisor: Ajay Dubey

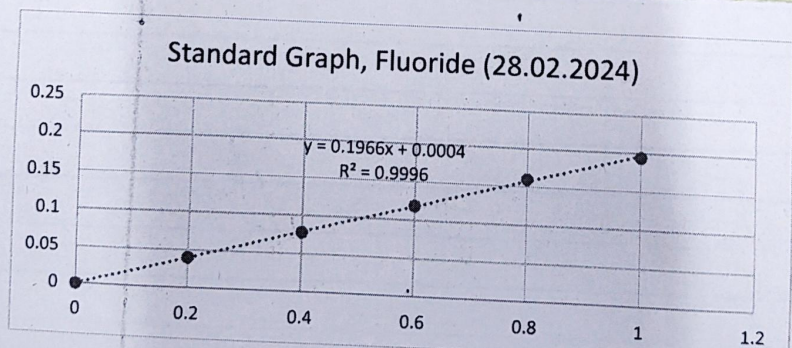
Date of Submission: 29/02/2024

$$\text{Calculation: } F(\text{mg/L}) = \frac{(\text{Abs} - \text{intercept})}{\text{slope}}$$

Vol. of Sample taken = 50ml

S.No.	Req.No.	Sample Code	abs. at 570nm	(Blank-abs)	Conc(mg/L)
01.	Std.	Blank	0.338	-	-
02.	"	0.2 ppm	0.298	0.04	-
03.	"	0.4 ppm	0.260	0.078	-
04.	"	0.6 ppm	0.219	0.119	-
05.	"	0.8 ppm	0.178	0.16	-
06.	"	1.0 ppm	0.143	0.195	-
07.	SR00069	L00133	0.289	0.049	0.247 ≈ 0.25
08.	"	L00134	0.292	0.046	0.232 ≈ 0.23

Slope = 0.196, Intercept = 0.0004



Ajay Dubey
29/02/2024

Ajay Dubey
01/03/24