

C.No. 19

Parameter: Fluoride

Registration No. RD/KJ/FR/2024/SR00057, SR00058

Sample code: 2024/RD/KJ/FR/FR/L00099-104, L00105-111

Rel. no. of Sample: 18

Date of Analysis: 08/02/2024

Name of Supervisor: Mr. Vidan Rajivara

Date of Submission: 09/02/2024

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

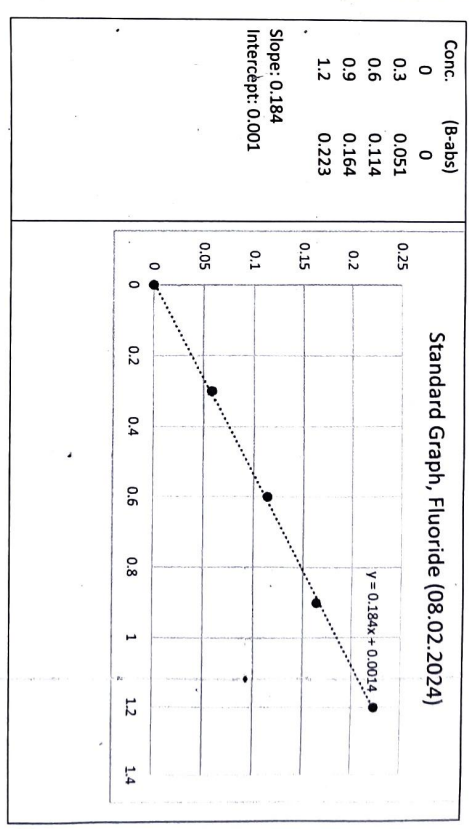
Vol. of Sample taken = 50 ml.

S.No.	Registration no.	Sample code	Obs. at	(Blank - obs)	Conc. (ng/L)
01.	Blank	Blank	0.339	-	-
02.	Blank	Blank	0.288	0.051	-
03.	Blank	Blank	0.225	0.114	-
04.	Blank	Blank	0.175	0.164	-
05.	Blank	Blank	1.2 ppm	0.116	0.223
06.	SR00057	L00099	0.318	0.024	0.11
07.	SR00057	L00100	0.301	0.038	0.20
08.	SR00057	L00101	0.321	0.018	0.09
09.	SR00057	L00102	0.128	0.211	1.14
10.	SR00057	L00103	0.270	0.069	0.37
11.	SR00057	L00104	0.277	0.062	0.33
12.	SR00057	L00105	0.293	0.046	0.24
13.	SR00057	L00106	0.316	0.023	0.12
14.	SR00057	L00107	0.301	0.038	0.2
15.	SR00057	L00108	0.286	0.053	0.28
16.	SR00057	L00109	0.316	0.023	0.12
17.	SR00057	L00110	0.310	0.029	0.15
18.	SR00057	L00111	0.308	0.031	0.16

slope = 0.184, Intercept = 0.001

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