

ARF No - RDKL/APP/2324/SR 0011
 Requisition Date 02/02/2024
 Sample Receive - 05/02/2024
 Date of Analysis - 08/02/2024
 Total no. of Sample - 2
 Name of the supervisor - Sh. A. Rafique SC-B
 Date of Result Submission - 09.02.2024

SL No.	S. Code	Absorb (B.S) (570nm)	T.Wt of Sample	S. Vol for Analysis	dil. volat Air m ³	F (mg/m ³)	
1	Blank	0.388	-	-	-	-	
2	Std 0.2	0.342	0.046	-	-	-	
3	11 0.4	0.297	0.091	-	-	-	
4	11 0.6	0.249	0.139	-	-	-	
5	11 0.8	0.200	0.188	-	-	-	
6	11 1.0	0.146	0.242	-	-	-	
7	11 1.2	0.122	0.266	-	-	-	
8	11 1.24	0.092	0.296	-	-	-	
9	2324/RDKL/APP GHS/L05562	0.006		25ml	10ml	SD 1.0075	-
10	11	0.016		25ml	5ml	10D	11
11	11	0.024		25ml	2ml	2SD	11
12	11	0.030		25ml	1ml	50D	11
13	11	0.046		25ml	0.5ml	100D	11
14	11	0.186	0.262	25ml	0.1ml	500D	11
15	2324/RDKL/APP GHS/L05564	0.008		25ml	10ml	SD	1.014
16	11	0.012		25ml	5ml	10D	11
17	11	0.022		25ml	2ml	2SD	11
18	11	0.026		25ml	1ml	50D	11
19	11	0.038		25ml	0.5ml	100D	11
20	11	0.232	0.156	25ml	0.1ml	500D	11

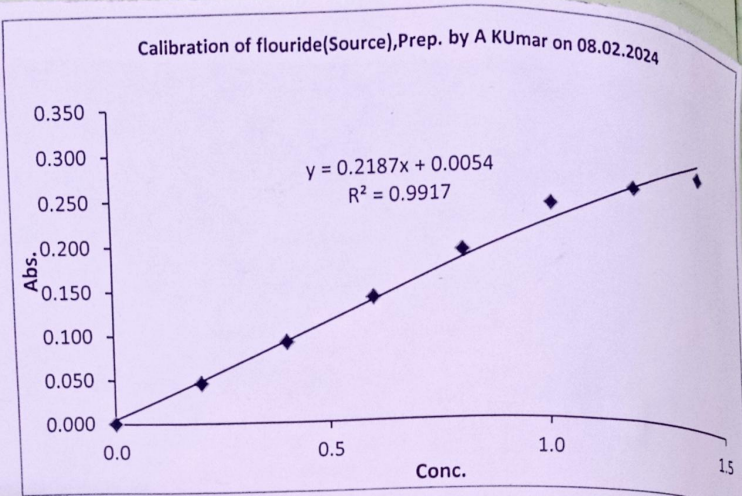
11.15

8.48

13.02.24

$$F(\text{mg}/\text{Nm}^3) = \frac{\text{Abs. Intercept}}{\text{Slope}} \times \frac{\text{dilution}}{1000} \times \frac{\text{Total vol of standards}}{\text{Vol of Abs. m}^3}$$

Conc(mg/l)	Abs
0.0	0.000
0.2	0.046
0.4	0.091
0.6	0.139
0.8	0.188
1.0	0.242
1.2	0.266
1.4	0.296



3/10/23
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13.02.24