

parameter = SO_4^{2-}

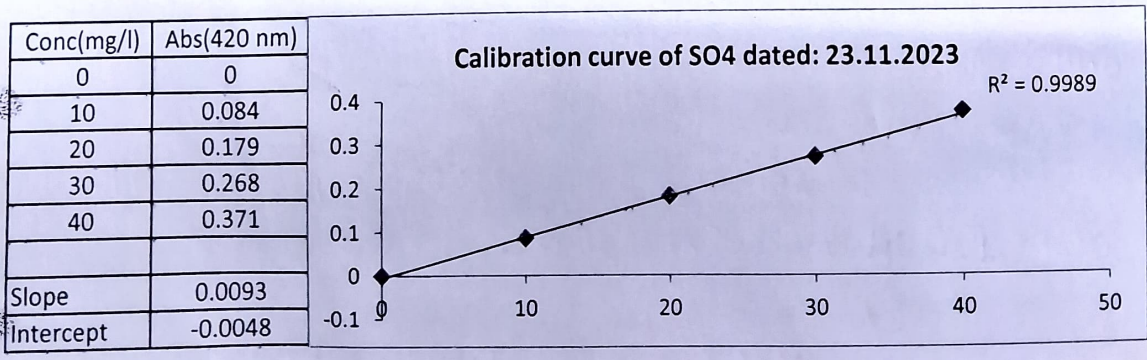
- Requisition No: RDKL/FW/2324/SR00031, Sample code: 2324/RDKL/FW/FW/L00030,
 - Requisition No: RDKL/NW/2324/SR00045, Sample code: 2324/RDKL/NW/NW/L00086, L00087,
 - Requisition No: RDKL/NW/2324/SR00042, Sample code: 2324/RDKL/NW/NW/L00092, L00093,
 - Requisition No: RDKL/NW/2324/SR00044, Sample code: 2324/RDKL/NW/NW/L00088
 - Requisition No: RDKL/~~NW~~^{FW}/2324/SR00030, Sample code: 2324/RDKL/FW/FW/L00031
 - Requisition No: RDKL/NW/2324/SR00043, Sample code: 2324/RDKL/NW/NW/L00089, L00091
- Allocation Date: 23.11.2023 Due Date: 08.12.2023
 Test Start Date: 23.11.2023 Test End Date: 23.11.2023
 Name of Supervisor: Md A. Rafique.

SO_4^{2-}

23.11.2023

SINO.	Sample code	Sample Vol. (ml)	Used Buffer	Absorbance (420nm)		Result (mg/L)
				1st min	2nd min	
01)	Blank	50	A	0.000	0.000	
	Blank	50	A	0.000	0.000	
02)	10 mg/L	50	A	0.080	0.084	
03)	20 mg/L	50	A	0.174	0.179	
04)	30 mg/L	50	A	0.263	0.268	
05)	40 mg/L	50	A	0.369	0.371	

Slope = 0.0093 Intercept = -0.0048 $R^2 = 0.9989$



Md A. Rafique
23/11/2023

Sl NO.	Sample code	Used Buffer	Sample vol (ml)	Absorbance (420nm)		Result (mg/L)	
				14 min	50 min		
06)	2324 RDKL FW FW L00030	A	50	Before Addip Ball	→ 0.003		
				After Addip Ball	→ 0.037 → 0.038		
	Blank	B	50	→ 0.113	→ 0.117 = 13.07		Avg = 13.15
				→ 0.114	→ 0.118 = 13.204		
1	2324 RDKL FW FW L00030	B	50	Before Addip Ball	→ 0.004		
				After Addip Ball	→ 0.159 → 0.161 = (17.83 - 13.15) = 4.68		
07)	2324 RDKL WW WW L00086	A	50	Before Addip Ball	→ 0.073		
				After Addip Ball	→ 0.474 → 0.467		
	Blank	A	2T	Before Addip Ball	→ 0.053		20.94 × 2
				After Addip Ball	→ 0.239 → 0.243 = 41.89 ≈ 42.0		
08)	2324 RDKL WW WW L00087	A	50	Before Addip Ball	→ 0.119		
				After Addip Ball	→ 0.299 → 0.304 = 20.4 ≈ 20.0		
09)	2324 RDKL WW WW L00092	A	50	Before Addip Ball	→ 0.061		
				After Addip Ball	→ 0.222 → 0.225 = 18.15 ≈ 18.0		
10)	2324 RDKL WW WW L00093	A	50	Before Addip Ball	→ 0.088		
				After Addip Ball	→ 0.287 → 0.289 = 22.13 ≈ 22.0		
11)	2324 RDKL WW WW L00088	A	50	Before Addip Ball	→ 0.068		
				After Addip Ball	→ 0.259 → 0.261 = 21.26 ≈ 21.0		
12)	2324 RDKL FW FW L00031	A	50	Before Addip Ball	→ 0.002		
				After Addip Ball	→ 0.078 → 0.082 = 9.12 ≈ 9.0		
13)	2324 RDKL WW WW L00089	A	50	Before Addip Ball	→ 0.091		
				After Addip Ball	→ 0.343 → 0.347 = 28.04 = 28.0		
14)	2324 RDKL WW WW L00091	A	50	Before Addip Ball	→ 0.107		
				After Addip Ball	→ 0.213 → 0.218 = 12.4 ≈ 12.0		

23.11.2023

8. Feb
05.12.23