

SR No. : RDKL/APP/2324/SR00038, 39, 40

Test Start Date : 08.11.23

Test End Date : 08.11.23

Allocation Date : 08/11/2023

Parameter : SO₂ (comb.)

Due Date : 10/11/2023

Supervisor Name : Md. A. Rafique

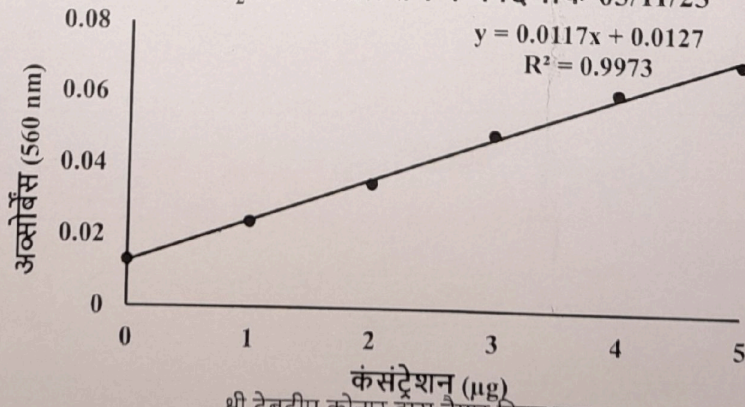
RDKL/APP/2324/SR00038, RDKL/APP/2324/SR00039, RDKL/APP/2324/SR00040

SO₂

Code	Time	Avg F/R	T. sample	S. taken	Abs(s)	intercept	slope	Conc. ($\mu\text{g}/\text{m}^3$)
	(mins)	(LPM)	(ml)	(ml)				
Blank			30	10	0.013			BLANK
GS2/L00139	240	1.00	30	10	0.015	0.0127	0.0117	<3 (BDL)
GS2/L00140	211	1.00	30	10	0.014	0.0127	0.0117	<3 (BDL)
GS2/L00141	222	1.00	30	10	0.014	0.0127	0.0117	<3 (BDL)
GS2/L00142	210	1.00	30	10	0.015	0.0127	0.0117	<3 (BDL)
GS2/L00143	240	1.00	30	10	0.016	0.0127	0.0117	4
GS2/L00144	210	1.00	30	10	0.015	0.0127	0.0117	<3 (BDL)
GS2/L00133	239	1.00	30	10	0.015	0.0127	0.0117	<3 (BDL)
GS2/L00134	211	1.00	30	10	0.014	0.0127	0.0117	<3 (BDL)
GS2/L00135	240	1.00	30	10	0.014	0.0127	0.0117	<3 (BDL)
GS2/L00136	211	1.00	30	10	0.013	0.0127	0.0117	<3 (BDL)
GS2/L00137	239	1.00	30	10	0.014	0.0127	0.0117	<3 (BDL)
GS2/L00138	215	1.00	30	10	0.016	0.0127	0.0117	4
GS2/L00145	233	1.00	30	10	0.013	0.0127	0.0117	<3 (BDL)
GS2/L00146	217	1.00	30	10	0.013	0.0127	0.0117	<3 (BDL)
GS2/L00147	239	1.00	30	10	0.015	0.0127	0.0117	<3 (BDL)
GS2/L00148	210	1.00	30	10	0.018	0.0127	0.0117	7
GS2/L00149	240	1.00	30	10	0.020	0.0127	0.0117	8
GS2/L00150	210	1.00	30	10	0.016	0.0127	0.0117	4

कंसंट्रेशन (μg) अब्सोर्बेंस

0.00	0.013
1.00	0.024
2.00	0.035
3.00	0.049
4.00	0.061
5.00	0.070

SO₂ की कैलिब्रेशन कर्व दिनांक 03/11/23

$$\text{SO}_2 (\mu\text{g}/\text{m}^3) = \frac{\text{Abs} - \text{Intercept}}{\text{slope}} \times \frac{30000}{10} \times \frac{1}{\text{Vol. of air}} \times \frac{1}{0.98}$$

श्री देबदीप कोनार
3/11/2023

श्री देबदीप कोनार
09.11.23