

SR NO: RDKL/APP/2324/SR00029,30,31

Test Start Date: 06.11.23

Allocation Date: 06.11.23

Test Stop Date: 06.11.23

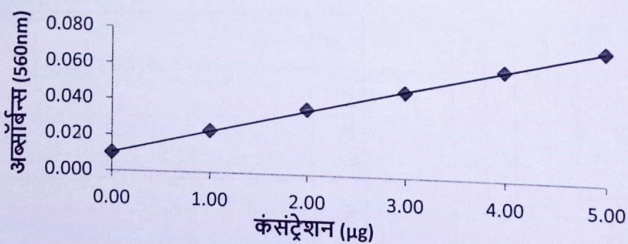
Due Date: 08.11.23

Parameter: SO₂ (amb.)Name of the Supervisor: मौ. ए. रफिकAAQM diwali(SO₂) (05-06.11.23)

RDKL/APP/2324/SR0029, RDKL/APP/2324/SR0030, RDKL/APP/2324/SR0031,

Sample Code	Abs.(560nm)	T.Sample (min)	Samp.Taken (ml)	T. time (min)	Avg.flow(LPM)	slope	intercept	Concen.(µg/m3)
Blank	0.013	30	10					BLANK
GS2/LOO097	0.018	30	10	241	1	0.0117	0.0127	6
GS2/LOO098	0.015	30	10	210	1	0.0117	0.0127	3
GS2/LOO099	0.014	30	10	240	1	0.0117	0.0127	<3 (BLQ)
GS2/LOO100	0.014	30	10	210	1	0.0117	0.0127	<3 (BLQ)
GS2/LOO101	0.015	30	10	234	1	0.0117	0.0127	3
GS2/LOO102	0.017	30	10	222	1	0.0117	0.0127	5
GS2/LOO103	0.016	30	10	239	1	0.0117	0.0127	4
GS2/LOO104	0.018	30	10	210	1	0.0117	0.0127	7
GS2/LOO105	0.014	30	10	239	1	0.0117	0.0127	<3 (BLQ)
GS2/LOO106	0.015	30	10	206	1	0.0117	0.0127	3
GS2/LOO107	0.014	30	10	234	1	0.0117	0.0127	<3 (BLQ)
GS2/LOO108	0.014	30	10	221	1	0.0117	0.0127	<3 (BLQ)
GS2/LOO109	0.014	30	10	238	1	0.0117	0.0127	<3 (BLQ)
GS2/LOO110	0.014	30	10	207	1	0.0117	0.0127	<3 (BLQ)
GS2/LOO111	0.014	30	10	236	1	0.0117	0.0127	<3 (BLQ)
GS2/LOO112	0.014	30	10	214	1	0.0117	0.0127	<3 (BLQ)
GS2/LOO113	0.016	30	10	240	1	0.0117	0.0127	4
GS2/LOO114	0.014	30	10	210	1	0.0117	0.0127	<3 (BLQ)
GS2/LOO098	0.015	30	10	210	1	0.0117	0.0127	3
Std2 µg	0.035	30	10					

कंसंट्रेशन(µg)	अब्साव्रन्स
0.00	0.013
1.00	0.024
2.00	0.035
3.00	0.049
4.00	0.061
5.00	0.070
स्लोप	0.0117
इंटरसेप्ट	0.0127
कोरिलेसान	0.9986

SO₂ की कैलिब्रेशन कर्व दिनांक 03/11/23

$$SO_2 (\mu g/m^3) = \frac{\text{Abs} - \text{Intercept}}{\text{Slope}} \times \frac{30000}{10} \times \frac{1}{\text{Vol}^{\text{m}^3} \text{ of air}}$$

अनिता
06.11.23श्री देवदीप
07.11.23