

आवृत्त तिथि: 15/11/23

RDCL/APP/2324
 200 आरं सफ़्त संख्या: SR00060, SR00061, SR00062

क्रम संख्या: SR00060, SR00061, SR00062

पैरामीटर: SO₂ (Ambient)

नमूना जांच की तिथि: 15/11/23

कुल नमूना की संख्या: 18

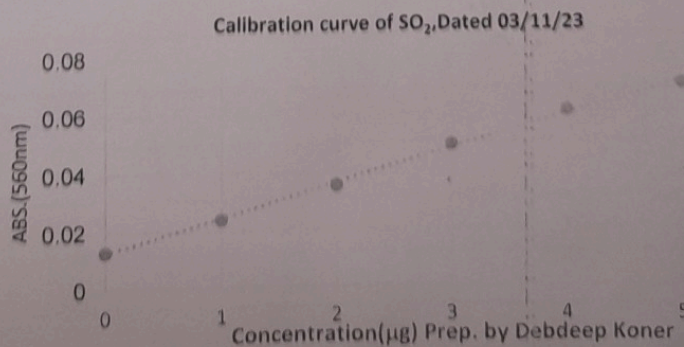
सुपरवाइजर का नाम: मो. रफीक

RDCL/APP/2324/SR00060, RDCL/APP/2324/SR00061, RDCL/APP/2324/SR00062,

SO₂

Code	Time	Avg F/R	T. sample	S. taken	Abs(s)	intercept	slope	Conc. (µg/m ³)
	(mins)	(LPM)	(ml)	(ml)				
Blank			30	10	0.013			
GS2/L00259	240	1.00	30	10	0.015	0.0127	0.0117	3
GS2/L00260	216	1.00	30	10	0.015	0.0127	0.0117	3
GS2/L00261	240	1.00	30	10	0.017	0.0127	0.0117	5
GS2/L00262	210	1.00	30	10	0.018	0.0127	0.0117	7
GS2/L00263	240	1.00	30	10	0.020	0.0127	0.0117	8
GS2/L00264	213	1.00	30	10	0.016	0.0127	0.0117	4
GS2/L00265	234	1.00	30	10	0.015	0.0127	0.0117	3
GS2/L00266	219	1.00	30	10	0.015	0.0127	0.0117	3
GS2/L00267	239	1.00	30	10	0.016	0.0127	0.0117	4
GS2/L00268	209	1.00	30	10	0.018	0.0127	0.0117	7
GS2/L00269	214	1.00	30	10	0.021	0.0127	0.0117	10
GS2/L00270	246	1.00	30	10	0.016	0.0127	0.0117	4
GS2/L00271	234	1.00	30	10	0.015	0.0127	0.0117	3
GS2/L00272	216	1.00	30	10	0.016	0.0127	0.0117	4
GS2/L00273	238	1.00	30	10	0.016	0.0127	0.0117	4
GS2/L00274	210	0.98	30	10	0.018	0.0127	0.0117	7
GS2/L00275	240	1.00	30	10	0.020	0.0127	0.0117	8
GS2/L00276	210	1.00	30	10	0.019	0.0127	0.0117	8
GS2/L00268				10	0.018			
Stand 3 µg					0.049			

Conc.	Abs. (560nm)
0	0.013
1	0.024
2	0.035
3	0.049
4	0.061
5	0.07
slope	0.0117
intercept	0.0127
correl.	0.9986



$$SO_2 (\mu g/m^3) = \frac{(Absorbance - Intercept)}{slope} \times \frac{30000}{L} \times \frac{1}{T.time} \times \frac{1}{0.98}$$