

SR NO: RDKL/APP/2324/SR00051  
 SR00052  
 SR00053

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Test start date:

Test stop date:

Allocation date: 12.11.23

Name of the supervisor: Md. A. Rafique.

Parameter: NO<sub>2</sub> (Amb.)

RDKL/APP/2324/SR00051, RDKL/APP/2324/SR00052, RDKL/APP/2324/SR00053,

Code	Time (mins)	Avg F/R (LPM)	T. sample (ml)	NO <sub>2</sub>					Conc. (µg/m <sup>3</sup> )
				S. taken (ml)	Abs(s)	intercept	slope		
GN2/L00204	241	1.00	30	10	0.048	0.0039	0.022	29.89	30
GN2/L00205	211	1.00	30	10	0.028	0.0039	0.022	18.65	19
GN2/L00206	240	1.00	30	10	0.032	0.0039	0.022	19.12	19
GN2/L00207	210	1.00	30	10	0.06	0.0039	0.022	43.63	44
GN2/L00208	238	1.00	30	10	0.064	0.0039	0.022	41.24	41
GN2/L00209	211	1.00	30	10	0.055	0.0039	0.022	39.55	40
GN2/L00210	241	1.00	30	10	0.075	0.0039	0.022	48.19	48
GN2/L00211	212	1.00	30	10	0.046	0.0039	0.022	32.43	32
GN2/L00212	241	1.00	30	10	0.049	0.0039	0.022	30.56	31
GN2/L00213	204	1.00	30	10	0.095	0.0039	0.022	72.94	73
GN2/L00214	234	1.00	30	10	0.102	0.0039	0.022	68.47	68
GN2/L00215	222	1.00	30	10	0.09	0.0039	0.022	63.34	63
GN2/L00216	236	1.00	30	10	0.078	0.0039	0.022	51.28	51
GN2/L00217	214	1.00	30	10	0.064	0.0039	0.022	45.87	46
GN2/L00218	241	1.00	30	10	0.074	0.0039	0.022	47.51	48
GN2/L00219	211	1.00	30	10	0.142	0.0039	0.022	106.90	107
GN2/L00220	240	1.00	30	10	0.116	0.0039	0.022	76.29	76
GN2/L00221	210	0.99	30	10	0.123	0.0039	0.022	92.63	95

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$$SO_2 \text{ (mg/m}^3\text{)} = \frac{\text{Abs} - \text{Intercept}}{\text{Slope}} \times \frac{30000}{10} \times \frac{1}{\text{vol}^m \text{ of air} \times 0.82}$$

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 13.11.23