

ऑर्डर नंबर: RDKL/2324/APP/J00202, J00206, J00210

नमूना संग्रह संख्या: RDKL/APP/2324/SR00075, 76, 77

परीक्षक - NO₂ (Amb)

आवेदन की तारीख - 21.11.23

नमूना विश्लेषण की तारीख - 20.11.23

प्रस्तुत करने की तारीख - 22.11.23

पर्यवेक्षक का नाम - Md. A. Rafique.

नमूना संख्या - 06 + 06 + 06

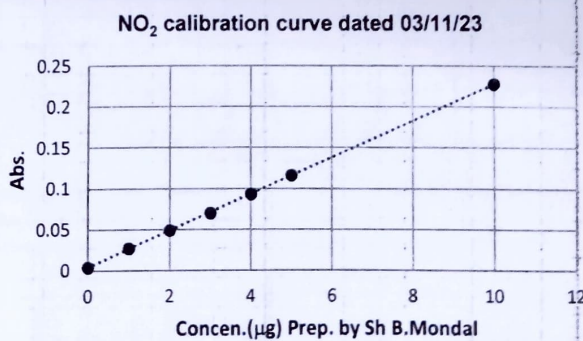
प्रयोगशाला नमूना कोड - 2324/RDKL/APP/GN2/L00348, 349, 350, 351, 352, 353

" " " " / L00354, 355, 356, 357, 358, 359

" " " " / L00360, 361, 362, 363, 364, 365

RDKL/APP/2324/SR00075, RDKL/APP/2324/SR00076, RDKL/APP/2324/SR00077									
NO ₂									
Code	Time (mins)	Avg F/R (LPM)	T. sample (ml)	S. taken (ml)	Abs(s)	intercept	slope	Conc. (µg/m ³)	
GN2/L00348	240	1.00	30	10	0.035	0.0039	0.022	21.16	21
GN2/L00349	210	1.00	30	10	0.015	0.0039	0.022	8.63	9
GN2/L00350	240	1.00	30	10	0.017	0.0039	0.022	8.91	9
GN2/L00351	220	1.00	30	10	0.035	0.0039	0.022	23.13	23
GN2/L00352	240	1.00	30	10	0.054	0.0039	0.022	34.09	34
GN2/L00353	232	1.00	30	10	0.028	0.0039	0.022	17.00	17
GN2/L00354	242	1.00	30	10	0.037	0.0039	0.022	22.36	22
GN2/L00355	211	1.00	30	10	0.021	0.0039	0.022	13.26	13
GN2/L00356	239	1.00	30	10	0.037	0.0039	0.022	22.64	23
GN2/L00357	207	1.00	30	10	0.083	0.0039	0.022	62.41	62
GN2/L00358	239	1.00	30	10	0.083	0.0039	0.022	54.10	54
GN2/L00359	220	1.00	30	10	0.040	0.0039	0.022	26.78	27
GN2/L00360	240	1.00	30	10	0.038	0.0039	0.022	23.21	23
GN2/L00361	212	1.00	30	10	0.024	0.0039	0.022	15.46	15
GN2/L00362	237	1.00	30	10	0.038	0.0039	0.022	23.50	23
GN2/L00363	211	1.00	30	10	0.079	0.0039	0.022	58.24	58
GN2/L00364	240	1.00	30	10	0.067	0.0039	0.022	42.94	43
GN2/L00365	210	1.00	30	10	0.042	0.0039	0.022	29.63	30
Blank					0.004				
Stand 2 µg					0.050				
GN2/L00358					0.083				

Conc.	Abs. (540nm)
0	0.004
1	0.027
2	0.049
3	0.07
4	0.093
5	0.116
10	0.228
slope	0.0224
Intercept	0.0039
correl.	1.0000



$$NO_2 (\mu g/m^3) = \frac{(Abs - Intercept) \times total\ sample\ wt (ml) \times 1000}{Slope \times analysed\ sample\ wt (ml) \times vol.\ of\ air (m^3) \times 0.82}$$

वीरेंद्र
20.11.23

श. मंडल
20.11.23