



Bhartiya Nirdeshak Dravya (BND)



S. No.	BND Number	BND Name	Purpose	Price (INR) /Unit * Excluding GST	Quantity/ Volume	Remarks, if any
1	BND 1001	Aqueous Fluoride Standard Solution	Primary calibration standard for quantitative determination of fluoride	Pending	Pending	Available
2	BND 1002	Aqueous Copper Standard Solution	Primary calibration standard for quantitative determination of copper	Pending	Pending	Available
3	BND 2004	Polystyrene	FTIR instrument calibration	Pending	Pending	Available
4	BND 5102	Graphitized Petroleum Coke (GPC)	Coke standard for calibration of instruments	15,600/ Btl.	50 g/Btl.	Available
5	BND 2006	Gold on Copper Grid	Magnification calibration Standard for TEM	Pending	Pending	Available
6	BND 6001	Nitrogen (N ₂) with minor Impurities (THC ≤ 0.05 mmol/mol , CO ≤ 1 mmol/mol , CO ₂ ≤ 1.0 mmol/mol , Oxygen ≤ 2 mmol/mol , NO _x ≤ 0.02 mmol/mol , N ₂ O ≤ 0.02 mmol/mol)	These Standards are be used for the calibrationof Analytical Instruments, Gas Analyzers and Emission Monitoring Instruments	1.5 Lakhs /cylinder	10 litre Al cylinders filled at 120 Bar	Available
7	BND 6002	Synthetic air with minor Impurities (THC ≤ 0.05 mmol/mol , CO ≤ 1 mmol/mol	These Standards are be used for the calibrationof Analytical Instruments, Gas Analyzers and	1.2 Lakhs /cylinder	10 litre Al cylinders filled at 120 Bar	Available

		, CO ₂ ≤ 1.0 mmol/mol , NO _x ≤ 0.02 mmol/mol , N ₂ O ≤ 0.02 mmol/mol)	Emission Monitoring Instruments			
8	BND 6003	Primary Gas Mixture of CO in Nitrogen Gas (5 μmol/mol)	These Standards are be used for the calibration of Analytical Instruments, Gas Analyzers and Emission Monitoring Instruments	1.3 Lakhs /cylinder	10 litre Al cylinders filled at 120 Bar	Available
9	BND 6004	Primary Gas Mixture of CO in Nitrogen Gas (50 μmol/mol)	These Standards are be used for the calibration of Analytical Instruments, Gas Analyzers and Emission Monitoring Instruments	1.3 Lakhs /cylinder	10 litre Al cylinders filled at 120 Bar	Available
10	BND 6005	Primary Gas Mixture of CO in Nitrogen Gas (100 μmol/mol)	These Standards are be used for the calibration of Analytical Instruments, Gas Analyzers and Emission Monitoring Instruments	1.3 Lakhs /cylinder	10 litre Al cylinders filled at 120 Bar	Available
11	BND 6006	Primary Gas Mixture of CO in Nitrogen Gas (480 μmol/mol)	These Standards are be used for the calibration of Analytical Instruments, Gas Analyzers and Emission Monitoring Instruments	1.3 Lakhs /cylinder	10 litre Al cylinders filled at 120 Bar	Available
12	BND 6007	Primary Gas Mixture of CO ₂ in Nitrogen Gas (13% mol/mol)	These Standards are be used for the calibration of Analytical Instruments, Gas Analyzers and Emission Monitoring Instruments	1.2 Lakhs /cylinder	10 litre Al cylinders filled at 120 Bar	Available

13	BND 6008	Primary Gas Mixture of CO ₂ in Nitrogen Gas (2.7% mol/mol)	These Standards are be used for the calibration of Analytical Instruments, Gas Analyzers and Emission Monitoring Instruments	1.2 Lakhs /cylinder	10 litre Al cylinders filled at 120 Bar	Available
14	BND 6009	Primary Gas Mixture of CO ₂ in Nitrogen Gas (1% mol/mol)	These Standards are be used for the calibration of Analytical Instruments, Gas Analyzers and Emission Monitoring Instruments	1.2 Lakhs /cylinder	10 litre Al cylinders filled at 120 Bar	Available
15	BND 6010	Primary Gas Mixture of CO ₂ in Synthetic Air (380 µmol/mol)	These Standards are be used for the calibration of Analytical Instruments, Gas Analyzers and Emission Monitoring Instruments	1.5 Lakhs /cylinder	10 litre Al cylinders filled at 120 Bar	Available
16	BND 6011	Primary Gas Mixture of CO ₂ in Synthetic Air (480 µmol/mol)	These Standards are be used for the calibration of Analytical Instruments, Gas Analyzers and Emission Monitoring Instruments	1.5 Lakhs /cylinder	10 litre Al cylinders filled at 120 Bar	Available
17	BND 6012	Primary Gas Mixture of CO ₂ in Synthetc Air (800 µmol/mol)	These Standards are be used for the calibration of Analytical Instruments, Gas Analyzers and Emission Monitoring Instruments	1.5 Lakhs /cylinder	10 litre Al cylinders filled at 120 Bar	Available
18	BND 6013	Primary Gas Mixture of CH ₄ in Nitrogen (2 µmol/mol)	These Standards are be used for the calibration of Analytical Instruments, Gas Analyzers and Emission Monitoring Instruments	1.2 Lakhs /cylinder	10 litre Al cylinders filled at 120 Bar	Available
19	BND 6014	Primary Gas Mixture of CH ₄ in Nitrogen	These Standards are be used for the calibration of Analytical	1.2 Lakhs /cylinder	10 litre Al cylinders filled	Available

		(10 µmol/mol)	Instruments, Gas Analyzers and Emission Monitoring Instruments		at 120 Bar	
20	BND 6015	Primary Gas Mixture of SO ₂ in Nitrogen (10 µmol/mol)	These Standards are be used for the calibration of Analytical Instruments, Gas Analyzers and Emission Monitoring Instruments	Pending	Pending	Available
21	BND 6016	Primary Gas Mixture of SO ₂ in Nitrogen (5 µmol/mol)	These Standards are be used for the calibration of Analytical Instruments, Gas Analyzers and Emission Monitoring Instruments	Pending	Pending	Available
22	BND 6017	Primary Gas Mixture of NO ₂ in Nitrogen (10 µmol/mol)	These Standards are be used for the calibration of Analytical Instruments, Gas Analyzers and Emission Monitoring Instruments	Pending	Pending	Available
23	BND 6018	Primary Gas Mixture of NO ₂ in Nitrogen (5 µmol/mol)	These Standards are be used for the calibration of Analytical Instruments, Gas Analyzers and Emission Monitoring Instruments	Pending	Pending	Available
24	BND 6019	Primary Gas Mixture of NO in Nitrogen (10 µmol/mol)	These Standards are be used for the calibration of Analytical Instruments, Gas Analyzers and Emission Monitoring Instruments	Pending	Pending	Available
25	BND 6020	Primary Gas Mixture of NO in Nitrogen (5 µmol/mol)	These Standards are be used for the calibration of Analytical Instruments, Gas Analyzers and Emission Monitoring	Pending	Pending	Available

			Instruments			
26	BND 6021	Primary Gas Mixture of CO in Nitrogen (10 μ mol/mol)	These Standards are be used for the calibration of Analytical Instruments, Gas Analyzers and Emission Monitoring Instruments	Pending	Pending	Available
27	BND 6022	Calibration standards for Particulate matter (liquid) (Dust particulate for metal ions as per National Air Quality Index)	These Standards are be used for the calibration of Analytical Instruments, Gas Analyzers and Emission Monitoring Instruments	Pending	Pending	Available
28	BND 6023	Calibration standards for Particulate matter (Solid) (Dust particulate for metal ions as per National Air Quality Index)	These Standards are be used for the calibration of Analytical Instruments, Gas Analyzers and Emission Monitoring Instruments	Pending	Pending	Available