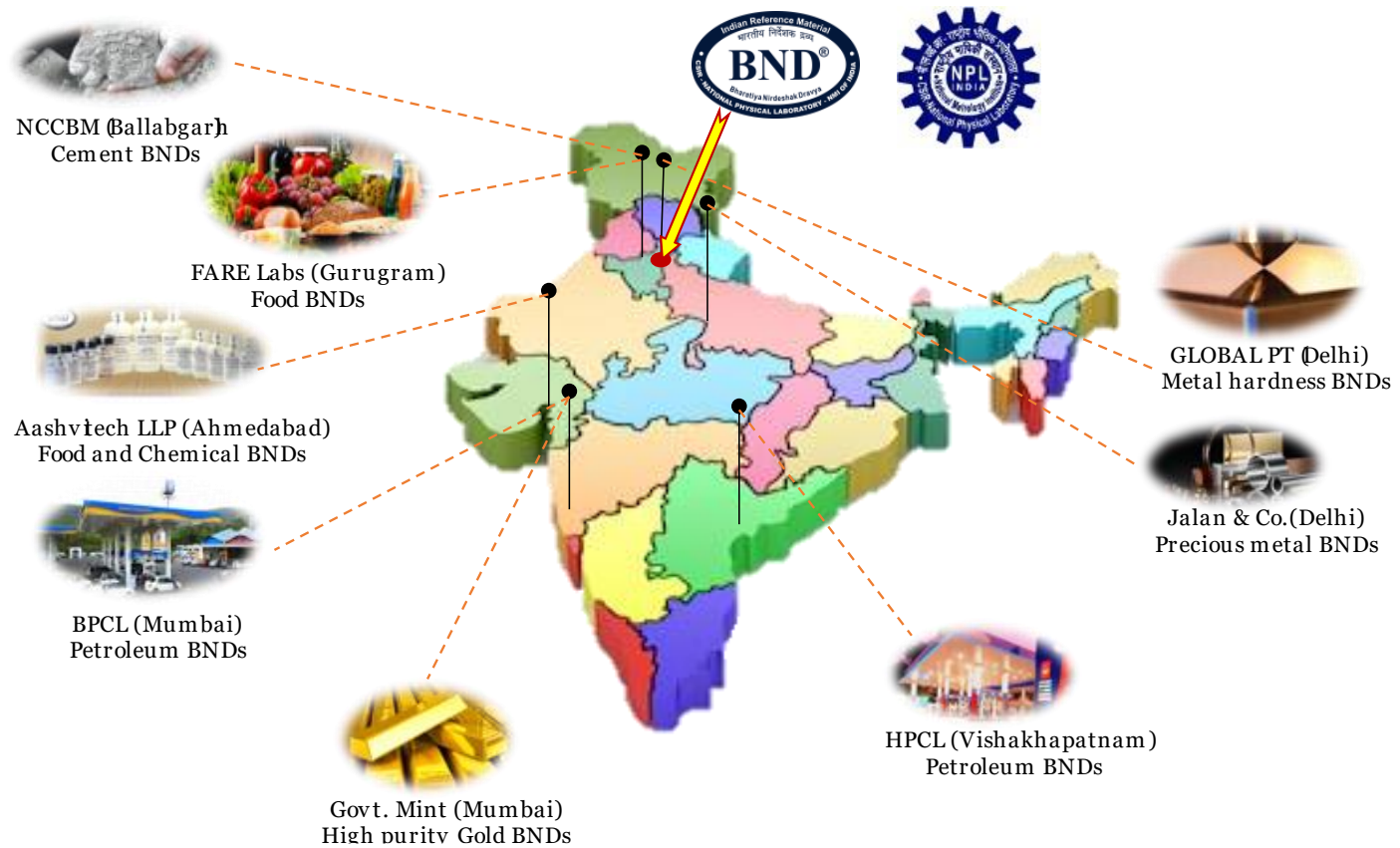


Bharatiya Nirdeshak Dravya (BND[®])





Bharatiya Nirdeshak Dravya (BND®)



BNDs

S.No	BND NUMBER	BND NAME	Contact Link
1	BND 2004	Polystyrene	https://www.nplindia.org/index.php/science-technology/bhartiya-nirdeshak-dravya-bnd-indian-reference-material/ (Under BND Catalogue)
2	BND 2024	Silicon Powder	-DO-
3	BND 2001	α -Alumina Powder	-DO-
4	BND 3001	Toxic Elements in Rice Flour	-DO-
5	BND 6001	Primary Reference Gas Mixture of CO in nitrogen gas (5 μ mol/mol)	-DO-
6	BND 6002	Primary Reference Gas Mixture of CO in nitrogen gas (50 μ mol/mol)	-DO-
7	BND 6003	Primary Reference Gas Mixture of CO in nitrogen gas (100 μ mol/mol)	-DO-
8	BND 6004	Primary Reference Gas Mixture of CO ₂ in nitrogen gas (500 μ mol/mol)	-DO-
9	BND 6005	Primary Reference Gas Mixture of CO ₂ in nitrogen gas (13 % mol/mol)	-DO-
10	BND 6006	Primary Reference Gas Mixture of CO ₂ in nitrogen gas (3 % mol/mol)	-DO-
11	BND 6007	Primary Reference Gas Mixture of CO ₂ in nitrogen gas (1 % mol/mol)	-DO-
12	BND 6008	Primary Reference Gas Mixture of CO ₂ in synthetic air (400 μ mol/mol)	-DO-

13	BND 6009	Primary Reference Gas Mixture of CO ₂ in synthetic air (500 µmol/mol)	-DO-
14	BND 6010	Primary Reference Gas Mixture of CO ₂ in synthetic air (800 µmol/mol)	-DO-
15	BND 6011	Primary Reference Gas Mixture of CH ₄ in nitrogen gas (2 µmol/mol)	-DO-
16	BND 6012	Primary Reference Gas Mixture of CH ₄ in nitrogen gas (10 µmol/mol)	-DO-
17	BND 6013	Primary Reference Gas Mixture of CH ₄ in nitrogen gas (2.5 % mol/mol)	-DO-
18	BND 6014	Oxygen in Nitrogen (21% mol/mol)	-DO-
19	BND 6015	Methane in Nitrogen (5000 µmol/mol)	-DO-
20	BND 6016	Carbon Monoxide in Helium (500 µmol/mol)	-DO-
21	BND 6017	Carbon Monoxide in Nitrogen (500 µmol/mol)	-DO-
22	BND 6018	Methane in Nitrogen (1000 µmol/mol)	-DO-
23	BND 6019	Methane in Nitrogen (500 µmol/mol)	-DO-
24	BND 6020	Methane in Nitrogen (50 µmol/mol)	-DO-
25	BND 6021	Carbon Monoxide in Nitrogen (7% mol/mol)	-DO-
26	BND 6022	Carbon Dioxide in Nitrogen (5% mol/mol)	-DO-
27	BND 6023	Carbon Dioxide in Nitrogen (1000 µmol/mol)	-DO-
28	BND 6024	Polystyrene	-DO-
29	BND 6025	Silicon Powder	-DO-
30	BND 6026	α-Alumina Powder	-DO-
31	BND 6027	Toxic Elements in Rice Flour	-DO-
32	BND 6028	Primary Reference Gas Mixture of CO in nitrogen gas (5 µmol/mol)	-DO-

FOOD AND CHEMICALS

33	BND 1003	Copper Standard Solution	https://aashvitechnology.com/crm/
34	BND 1004	Nickel Standard Solution	-Do-
35	BND 1005	pH Buffer Solution 4.00	-Do-
36	BND 1006	pH Buffer Solution 7.00	-Do-
37	BND 1007	pH Buffer Solution 9.00	-Do-
38	BND 1008	Conductivity Standard Solution	-Do-
39	BND 1009	Nitrate Standard Solution	-Do-
40	BND 1010	Lead Standard Solution	-Do-
41	BND 1011	Arsenic Standard Solution	-Do-
42	BND 1012	Mercury Standard Solution	-Do-
43	BND 1013	Cadmium Standard Solution	-Do-
44	BND 1014	Silver Standard Solution	-Do-
45	BND 1015	Zinc Standard Solution	-Do-
46	BND 1016	Potassium Hydrogen Phthalate	-Do-
47	BND 1017	Potassium Dichromate	-Do-
48	BND 1018	Sodium Chloride	-Do-
49	BND 1019	Iron Standard Solution	-Do-
50	BND 1020	Potassium Standard Solution	-Do-
51	BND 1021	TDS Standard Solution	-Do-
52	BND 1022	pH Buffer Solution	-Do-
53	BND 1023	Sodium Carbonate	-Do-
54	BND 1024	Calcium Carbonate	-Do-
55	BND 1025	Chromium Standard Solution	-Do-
56	BND 1026	Aluminium Standard Solution	-Do-
57	BND 1027	Sodium Standard Solution	-Do-

58	BND 1028	Fluoride Standard Solution	-Do-
59	BND 1029	Sulphate Standard Solution	-Do-
60	BND 1030	Calcium Standard Solution	-Do-
61	BND 1031	Barium Standard Solution	-Do-
62	BND 1032	Manganese Standard Solution	-Do-
63	BND 1033	Nitrite Standard Solution	-Do-
64	BND 1036	Antimony Standard Solution	-Do-
65	BND 1037	Boron Standard Solution	-Do-
66	BND 1038	Magnesium Standard Solution	-Do-
67	BND 1039	Potassium Chloride	-Do-
68	BND 1042	pH Buffer Solution	-Do-

MECHANICAL PROPERTIES MATERIALS

69	BND 2201	Rockwell Hardness (C Scale)	
70	BND 2202	Rockwell Hardness (C Scale)	
71	BND 2204	Vickers Hardness (5 kgf/49.03N Load)	
72	BND 2207	Rockwell Hardness (B Scale)	
73	BND 2216	Ultimate Tensile Strength	
74	BND 2217	Ultimate Tensile Strength	
75	BND 2218	Ultimate Tensile Strength	
76	BND 2219	Ultimate Tensile Strength	

PRECIOUS METALS

77	BND [®] 4101	High Purity Silver-999	https://jalanco.com/bharatiya-nirdeshak-dravya-bnd/
78	BND [®] 4102	Silver Alloy-925	-DO-
79	BND [®] 4201A	High Purity Gold-9999	-DO-

80	BND [®] 4202	Gold Alloy-916	-DO-
81	BND [®] 4203	Gold Alloy-833	-DO-
82	BND [®] 4204	Gold Alloy-750	-DO-
83	BND [®] 4205	Gold Alloy-585	-DO-
84	BND [®] 4207	Gold Alloy-958	-DO-
85	BND [®] 4208	High Purity Gold-995	-DO-
86	BND [®] 4209	High Purity Gold-999	-DO-

CEMENT & BUILDING MATERIALS

87	BND 5001	Ordinary PortlandCement	https://www.ncbindia.com/wp-content/uploads/PT_Schemes/BhartiyaNirdeshakDravyaNCCBM.pdf
88	BND 5002	Portland Pozzolana Cement	-Do-
89	BND 5003	Portland Slag Cement	-Do-
90	BND 5004	Fly Ash	-Do-
91	BND 5006	Composite Cement	-Do-
92	BND 5007	White Portlandcement	-Do-
93	BND 5011	Ordinary PortlandCement	-Do-
94	BND 5021	OrdinaryPortland Cement	-Do-
95	BND 5051	OrdinaryPortlandCement	-Do-
96	BND 5052	Portland PozzolanaCement	-Do-
97	BND 5053	Fly Ash	-Do-
98	BND 5054	Fly Ash	-Do-
99	BND 5091	Coal	-Do-
100	BND 5055	Composite Cement	-Do-
101	BND 5056	Limestone	-Do-
102	BND 5057	Raw Meal	-Do-
103	BND 5058	Clinker	-Do-
104	BND 5059	Blast Furnace Slag	-Do-

