



List of Reference Material with NABL Accredited RMP

S.No	RM/CRM	Name of RM/CRM	Purpose/ Intended use	Pack size	Name of RMP	Contact Details	Link of Website
1	CRM	Aflatoxin standard B1(2µg/mL)	Testing/Validation/ Spiking	2mL	Trilogy Analytical Laboratory Pvt.Ltd., Hyderabad	Mr. Rajesh D.S info@trilogylab.in 9010592244	https://www.trilogylab.in/
2	CRM	Aflatoxin standard B2(2µg/mL)	Testing/Validation/ Spiking	2mL			
3	CRM	Aflatoxin standard G1(2µg/mL)	Testing/Validation/ Spiking	2mL			
4	CRM	Aflatoxin standard G2(2µg/mL)	Testing/Validation/ Spiking	2mL			
5	CRM	Aflatoxin Mix standard B1:B2: G1:G2(1:0.5:1:0.5µg/mL)	Testing/Validation/ Spiking	2mL			
6	CRM	Copper Solution	Calibration of Equipment, Quantitative determination of Copper, Validation of Method	100ml	Aashvi Technology LLP, Ahemdabad	Mr. Tushar Parekh/ Mr. Hardik Sharma sales@aqcrm.com 7227925050/ 9974145050	https://aashvitechnology.com/products.php
7	CRM	Nickel Solution	Calibration of Equipment, Quantitative determination of Nickel, Validation of Method	100ml			
8	CRM	pH Standard Solution 4.00	Calibration standard for pH instruments and validation of method for the determination of pH value	250ml			
9	CRM	pH Standard Solution 7.00	Calibration standard for pH instruments and validation of method for the determination of pH value	250ml			



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10	CRM	pH Standard Solution 9.00	Calibration standard for pH instruments and validation of method for the determination of pH value	250ml	Aashvi Technology LLP, Ahemdabad	Mr. Tushar Parekh/ Mr. Hardik Sharma sales@aqcrm.com 7227925050/ 9974145050	https://aashvitechnology.com/products.php
11	CRM	Conductivity Standard Solution 1.41ms/cm	Calibration of Conductivity instruments and validation of method for the determination of conductivity value	500ml			
12	CRM	Nitrate Solution	Calibration of Equipment, Quantitative determination of Nitrate, Validation of Method	500ml			
13	CRM	Lead Solution	Calibration of Equipment, Quantitative determination of Lead, Validation of Method	100ml			
14	CRM	Arsenic Solution	Calibration of Equipment, Quantitative determination of Arsenic, Validation of Method	100ml			
15	CRM	Mercury Solution	Calibration of Equipment, Quantitative determination of Mercury, Validation of Method	100ml			
16	CRM	Cadmium Solution	Calibration of Equipment, Quantitative determination of Cadmium, Validation of Method	100ml			
17	CRM	Silver Solution	Calibration of Equipment, Quantitative determination of Silver, Validation of Method	100ml			



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18	CRM	Zinc Solution	Calibration of Equipment, Quantitative determination of Zinc, Validation of Method	100ml	Aashvi Technology LLP, Ahemdabad	Mr. Tushar Parekh/ Mr. Hardik Sharma sales@aqcrm.com 7227925050/ 9974145050	https://aashvitechnology.com/products.php
19	CRM	Potassium Hydrogen Phthalate	Titrimetric standard for the standardization of volumetric standard solution and validation of Method	45g			
20	CRM	Potassium dichromate	Titrimetric standard for the standardization of volumetric standard solution, Calibration of equipments and validation of method	45g			
21	CRM	Sodium chloride	Titrimetric standard for the standardization of volumetric standard solution and validation of method	45g			
22	CRM	Iron Solution	Calibration of Equipment, Quantitative determination of Iron, Validation of Method	100ml			
23	CRM	Potassium Solution	Calibration of Equipment, Quantitative determination of Potassium, Validation of Method	100ml			
24	CRM	Total Dissolve Solid	Gravimetric standard for the validation of standard method and calibration of instruments	250ml			



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S.No	RM/CRM	Name of RM/CRM	Purpose/ Intended use	Pack size	Name of RMP	Contact Details	Link of Website
25	CRM	pH Standard Solution 9.2	Calibration standard for pH instruments and validation of method for the determination of pH value	250ml	Aashvi Technology LLP, Ahemdabad	Mr. Tushar Parekh/ Mr. Hardik Sharma sales@aqcrm.com 7227925050/ 9974145050	https://aashvitechnology.com/products.php
26	CRM	Sodium Carbonate	Titrimetric standard for the standardization of volumetric standard solution and validation of method	45g			
27	CRM	Calcium Carbonate	Titrimetric standard for the standardization of volumetric standard solution and validation of method	20g			
28	CRM	Chromium Solution	Calibration of Equipment, Quantitative determination of Chromium, Validation of Method	100ml			
29	CRM	Aluminium Solution	Calibration of Equipment, Quantitative determination of Aluminium, Validation of Method	100ml			
30	CRM	Sodium Solution	Calibration of Equipment, Quantitative determination of Sodium, Validation of Method	100ml			
31	CRM	Sulphate Solution	Calibration of Equipment, Quantitative determination of Sulphate, Validation of Method	500ml			



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32	CRM	Calcium Solution	Calibration of Equipment, Quantitative determination of Calcium, Validation of Method	100ml	Aashvi Technology LLP, Ahemdabad	Mr. Tushar Parekh/ Mr. Hardik Sharma sales@aqcrm.com 7227925050/ 9974145050	https://aashvitechnology.com/products.php
33	RM	Groundnut Oil	To detect adulteration of Groundnut oil in other edible Oils.	15g			
34	RM	Sesame Oil	To detect adulteration of Sesame Oil in other edible Oils.	15g			
35	RM	Linseed Oil	To detect adulteration of Linseed Oil in other edible Oils.	15g			
36	RM	Karanja Oil	To detect adulteration of Karanja Oil in other edible Oils.	15g			
37	RM	Neem Oil	To detect adulteration of Neem Oil in other edible Oils.	15g			
38	RM	Castor Oil	To detect adulteration of Castor Oil in other edible Oils.	15g			
39	RM	Cottonseed Oil	To detect adulteration of Cottonseed Oil in other edible Oils.	15g			
40	RM	Mineral Oil	To detect adulteration of Mineral Oil in other edible Oils.	15g			
41	RM	Argemone Oil	To detect adulteration of Argemone Oil in other edible Oils.	5g			

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42	RM	Turmeric Powder with Lead Chromate	To detect adulteration of Lead Chromate in Turmeric Powder	40g	Aashvi Technology LLP, Ahemdabad	Mr. Tushar Parekh/ Mr. Hardik Sharma sales@aqcrm.com 7227925050/ 9974145050	https://aashvitechnology.com/products.php
43	RM	Iron Ore	It is intended to use as a primary calibration standard for calibration of instruments and validation of method for characterization of the measured for analysis of Iron Ore	100gms	Sums Techno Labs Pvt. Ltd., Bellary	Mr. Akhileswar Reddy K technolabs@sums.org.in +91 8884494257	www.sums.org.in
44	RM	Manganese Ore	It is intended to use as a primary calibration standard for calibration of instruments and validation of method for characterization of the measured for analysis of Manganese Ore	100gms			
45	RM	Limestone	It is intended to use as a primary calibration standard for calibration of instruments and also validation of method for characterization of the measured for analysis of Limestone	100gms			
46	CRM	Quartzite	It is intended to use as a primary calibration standard for calibration of instruments and validation of method for characterization of the measured for analysis of Quartzite	100gms			



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47	CRM	Coal	It is intended to use as a primary calibration standard for calibration of instruments and validation of method for characterization of the measured for analysis of Coal	50gms	Sums Techno Labs Pvt. Ltd., Bellary	Mr. Akhileswar Reddy K technolabs@sums.org.in +91 8884494257	www.sums.org.in
48	RM	Aciclovir I.P	As Reference material for Assay/RS	1gm	Pharmaffiliates Analytcs and Synthetics Pvt. Ltd., Panchkula	Mr. Sameer Gautam contact@pharmaffiliates.com 9216682054	www.pharmaffiliates.com
49	RM	Ambroxol HCl I.P.	As Reference material for Assay/RS	1gm			
50	RM	Paracetamol I.P.	As Reference material for Assay/RS	1gm			
51	RM	Atenolol I.P.	As Reference material for Assay/RS	1gm			
52	RM	Guaiphenesin I.P.	As Reference material for Assay/RS	1gm			
53	RM	Trimethoprim I.P.	As Reference material for Assay/RS	1gm			
54	RM	Atorvastatin Calcium I.P.	As Reference material for Assay/RS	1gm			
55	RM	Salicylic acid I. P.	As Reference material for Assay/RS	1gm			

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56	CRM	Quartz	Standard in evaluation of analytical methods for Al, Ca, Fe, K, Mg, Na, Ti content in quartz matrix	25 gm	National Centre for Compositional Characterization of Materials, Hyderabad	Dr. K. Dash kdash@barc.gov.in	cccm.gov.in
57	CRM	Noodles powder	Standard in evaluation of analytical methods for Lead content in noodle matrix	20 gm			
58	CRM	Melt Flow Index (Polypropylene)	<ul style="list-style-type: none"> • To demonstrate control of a measurement process within a laboratory over a period of time. • To check instrument performance • Repeatability and reproducibility studies – repeated use over an extended period of time, instruments, operators, etc., to estimate long term reproducibility or robustness of a measurement process or laboratory. • To confirm the degree of equivalence of measurement results from two or more laboratories (e.g. Provider and user), where the materials are inherently stable. • To check operator variability 	100 grams	Fine Finish Organics Pvt. Ltd., RMP Division, Navi Mumbai	Ms. Karishma Prabhu karishma.prabhu@finefinish.net 9821933534 Ms. Sanyogeeta Pawar Proficiency.testing@finefinish.net 9372705939	https://finefinish.net/index.php/crms/

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S.No	RM/CRM	Name of RM/CRM	Purpose/ Intended use	Pack size	Name of RMP	Contact Details	Link of Website
59	CRM	Tensile strength (Fibre Reinforced composite)	<ul style="list-style-type: none"> • To demonstrate control of a measurement process within a laboratory over a period of time. • To check instrument performance • Repeatability and reproducibility studies – repeated use over an extended period of time, instruments, operators, etc., to estimate long term reproducibility or robustness of a measurement process or laboratory. • To confirm the degree of equivalence of measurement results from two or more laboratories (e.g. Provider and user), where the materials are inherently stable. • To check operator variability 	5 specimens (per set)	Fine Finish Organics Pvt. Ltd., RMP Division, Navi Mumbai	<p style="text-align: center;">Ms. Karishma Prabhu karishma.prabhu@finefinish.net 9821933534</p> <p style="text-align: center;">Ms. Sanyogeeta Pawar Proficiency.testing@finefinish.net 9372705939</p>	https://finefinish.net/index.php/crms/



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S.No	RM/CRM	Name of RM/CRM	Purpose/ Intended use	Pack size	Name of RMP	Contact Details	Link of Website
60	CRM	Tensile strength (Polypropylene)	<ul style="list-style-type: none">• To demonstrate control of a measurement process within a laboratory over a period of time.• To check instrument performance• Repeatability and reproducibility studies – repeated use over an extended period of time, instruments, operators, etc., to estimate long term reproducibility or robustness of a measurement process or laboratory.• To confirm the degree of equivalence of measurement results from two or more laboratories (e.g. Provider and user), where the materials are inherently stable.• To check operator variability	5 specimens (per set)	Fine Finish Organics Pvt. Ltd., RMP Division, Navi Mumbai	Ms. Karishma Prabhu karishma.prabhu@finefinish.net 9821933534 Ms. Sanyogeeta Pawar Proficiency.testing@finefinish.net 9372705939	https://finefinish.net/index.php/crms/

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S.No	RM/CRM	Name of RM/CRM	Purpose/ Intended use	Pack size	Name of RMP	Contact Details	Link of Website
61	RM	Density (Polypropylene)	<ul style="list-style-type: none"> • To demonstrate control of a measurement process within a laboratory over a period of time. • To check instrument performance • Repeatability and reproducibility studies – repeated use over an extended period of time, instruments, operators, etc., to estimate long term reproducibility or robustness of a measurement process or laboratory. • To confirm the degree of equivalence of measurement results from two or more laboratories (e.g. Provider and user), where the materials are inherently stable. • To check operator variability 	3 specimens (per set)	Fine Finish Organics Pvt. Ltd., RMP Division, Navi Mumbai	<p style="text-align: center;">Ms. Karishma Prabhu karishma.prabhu@finefinish.net 9821933534 Ms. Sanyogeeta Pawar Proficiency.testing@finefinish.net 9372705939</p>	https://finefinish.net/index.php/crms/
62	RM	Epoxyzadiradione (EADD)	Standardization of Neem products	5 mg onwards	Asthagiri Herbal Research Foundation, Chennai	<p style="text-align: center;">Dr. S. Narasimhan, asthagiri.herbal@gmail.com 9840064340</p>	https://asthagiriherbal.org.in/



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63	CRM	Ferrous Charpy V Notch Reference Test Pieces (Absorbed Energy @ +20°C (2 mm Striker)	Indirect Verification of Charpy Impact Testing Machine as per ISO 148 - 2	1 set (one set of five test pieces)	Anand Testing Machine Services, Ichalkaranji	Mr. Sheetalkumar V. Anandache shital.anandtest@gmail.com 0230 - 242 3351, 094224 23236	www.indiamart.com/anand-testing
64	CRM	Ferrous Charpy V Notch Reference Test Pieces Absorbed Energy @ -40°C (2 mm Striker)	Indirect Verification of Charpy Impact Testing Machine as per ISO 148 - 2	1 set (one set of five test pieces)			
65	RM	Ferrous Charpy V Notch Reference Test Pieces (Absorbed Energy @ +20°C & -40°C (8 mm Striker)	1. Method validation; 2. Calibration and Quality Control; 3. Interlaboratory comparisons for method validation; 4. Interlaboratory comparisons for Assessing Laboratory Proficiency; 5. Ensuring the validity of results; 6. Intermediate checks on Charpy Impact Testing Machine	1 set (one set of five test pieces)			
66	RM	Ferrous Izod V Notch Reference Test Pieces (Absorbed Energy @ 10 to 35°C)	1. Method validation; 2. Calibration and Quality Control; 3. Interlaboratory comparisons for method validation; 4. Interlaboratory comparisons for Assessing Laboratory Proficiency; 5. Ensuring the validity of results; 6. Intermediate checks on	1 set (one set of five test pieces)			

For more details of RMP, refer Document NABL 800, Directory of Accredited Reference Material Producers.

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			Izod Impact Testing Machine				
67	RM	High Purity Gold	Fire Assay Method	10 gms	Jalan Reference Material Division Unit, Jalan and Company, New Delhi	Mr. Ishwar Jalan jalan@jalanco.com 9810009929	www.jalanco.com
68	RM	Gold Alloy	Fire Assay Method	1 gms			
69	RM	Silver	IS 1418, IS 2113	10 gms			
70	RM	Silver Alloy	IS 1418, IS 2113	1gms			
71	RM	Acephate	Chemical Testing	0.25 g	Central Quality Assurance Laboratory, Rallis India Limited, Bharuch	Mr. Rajendra Petkar rajendra.petkar@rallis.com	NA
72	RM	Metribuzin	Chemical Testing	0.25 g			
73	RM	Pendimethalin	Chemical Testing	0.25 g			

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74	RM	Flubendiamide	Chemical Testing	0.25 g	Central Quality Assurance Laboratory, Rallis India Limited, Bharuch	Mr. Rajendra Petkar rajendra.petkar@rallis.com	NA
75	RM	Metalaxyl	Chemical Testing	0.25 g			
76	RM	Imidacloprid	Chemical Testing	0.25 g			
77	RM	Acetamiprid	Chemical Testing	0.25 g			
78	RM	Buprofezin	Chemical Testing	0.25 g			
79	RM	Kresoxim Methyl	Chemical Testing	0.25 g			
80	RM	Hexaconazole	Chemical Testing	0.25 g			
81	RM	Tebuconazole	Chemical Testing	0.25 g			



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82	RM	Captan	Chemical Testing	0.25 g	Central Quality Assurance Laboratory, Rallis India Limited, Bharuch	Mr. Rajendra Petkar rajendra.petkar@rallis.com	NA
83	RM	Fenpyroximate	Chemical Testing	0.25 g			
84	RM	Lambda Cyhalothrin	Chemical Testing	0.25 g			
85	RM	Chloropyriphos	Chemical Testing	0.25 g			
86	RM	Ethion	Chemical Testing	0.25 g			
87	RM	Tricyclazole	Chemical Testing	0.25 g			
88	RM	Difenthiuron	Chemical Testing	0.25 g			
89	RM	Pretilachlor	Chemical Testing	0.25 g			

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90	RM	Thiamethoxam	Chemical Testing	0.25 g	Central Quality Assurance Laboratory, Rallis India Limited, Bharuch	Mr. Rajendra Petkar rajendra.petkar@rallis.com	NA
91	RM	Fenvelerate	Chemical Testing	0.25 g			
92	RM	Cypermethrin	Chemical Testing	0.25 g			
93	CRM	Ordinary Portland Cement Surface Area (Fineness by Blaine's Air Permeability) (High Fineness)	Calibration of Blaine's Air Permeability Apparatus/ Validation of Test Method/ Developing secondary reference standards for routine quality control/ Evaluating proficiency of analyst/ Use as PT item for proficiency testing program	Four No. Vials (Each 10 g)	CIMEC INFRALABS Pvt. Ltd., (RMP Division), Ghaziabad	Manager, Customer Services rmp@cimec.in +91 9599383143	http://cimec.in/reference-material-producer/
94	CRM	Ordinary Portland Cement Surface Area (Fineness by Blaine's Air Permeability) (Low Fineness)	Calibration of Blaine's Air Permeability Apparatus/ Validation of Test Method/ Developing secondary reference standards for routine quality control/ Evaluating proficiency of analyst/ Use as PT item for proficiency testing program	Four No. Vials (Each 10 g)			

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95	CRM	Pozzolana Portland Cement Surface Area (Fineness by Blaine's Air Permeability)	Calibration of Blaine's Air Permeability Apparatus/ Validation of Test Method/ Developing secondary reference standards for routine quality control/ Evaluating proficiency of analyst/ Use as PT item for proficiency testing program	Four No. Vials (Each 10 g)	CIMEC INFRALABS Pvt. Ltd., (RMP Division), Ghaziabad	Manager, Customer Services rmp@cimec.in +91 9599383143	http://cimec.in/reference-material-producer/
96	CRM	White Portland Cement-Surface Area (Fineness by Blaine's Air Permeability)	Calibration of Blaine's Air Permeability Apparatus/ Validation of Test Method/ Developing secondary reference standards for routine quality control/ Evaluating proficiency of analyst/ Use as PT item for proficiency testing program	Four No. Vials (Each 10 g)			
97	CRM	Fly Ash-Surface Area (Fineness by Blaine's Air Permeability)	Calibration of Blaine's Air Permeability Apparatus/ Validation of Test Method/ Developing secondary reference standards for routine quality control/ Evaluating proficiency of analyst/ Use as PT item for proficiency testing program	Four No. Vials (Each 10 g)			

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S.No	RM/CRM	Name of RM/CRM	Purpose/ Intended use	Pack size	Name of RMP	Contact Details	Link of Website
98	CRM	Flow Table-Flow Percent Flow: 70±5%	Calibration of Flow Table	One Pack of Liquid material: 215 g & One Pack of Powder Material: 500 g	CIMEC INFRALABS Pvt. Ltd., (RMP Division), Ghaziabad	Manager, Customer Services, rmp@cimec.in +91 9599383143	http://cimec.in/reference-material-producer/
99	CRM	Flow Table-Flow Percent Flow: 102±5%	Calibration of Flow Table	One Pack of Liquid material: 215 g & One Pack of Powder Material: 500 g			
100	RM	Ordinary Portland Cement -Silica (SiO ₂), Aluminium Oxide (Al ₂ O ₃), Iron Oxide (Fe ₂ O ₃), Calcium Oxide (CaO), Magnesium Oxide (MgO), Sulphuric Anhydride (SO ₃), Loss on Ignition (LOI), Insoluble Residue (IR)	Calibration/ Validation of Test Method	Four No. Vials (Each 5 g)			
101	RM	Pozzolana Portland Cement - Silica (SiO ₂), Aluminium Oxide (Al ₂ O ₃), Iron Oxide (Fe ₂ O ₃), Calcium Oxide (CaO), Magnesium Oxide (MgO), Sulphuric Anhydride (SO ₃), Loss on Ignition (LOI), Insoluble Residue (IR)	Calibration/ Validation of Test Method	Four No. Vials (Each 5 g)			



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102	RM	Fly Ash - Silica (SiO ₂), Aluminium Oxide (Al ₂ O ₃), Iron Oxide (Fe ₂ O ₃), Calcium Oxide (CaO), Magnesium Oxide (MgO), Sulphuric Anhydride (SO ₃), Loss on Ignition (LOI)	Calibration/ Validation of Test Method	Four No. Vials (Each 5 g)	CIMEC INFRALABS Pvt. Ltd., (RMP Division), Ghaziabad	Manager, Customer Services, rmp@cimec.in +91 9599383143	http://cimec.in/reference-material-producer/
103	RM	Clinker - Silica (SiO ₂), Aluminium Oxide (Al ₂ O ₃), Iron Oxide (Fe ₂ O ₃), Calcium Oxide (CaO), Magnesium Oxide (MgO), Sulphuric Anhydride (SO ₃), Loss on Ignition (LOI), Insoluble Residue (IR)	Calibration/ Validation of Test Method	Four No. Vials (Each 5 g)			
104	RM	Hydrated Lime -Calcium Oxide (CaO), Magnesium Oxide (MgO), Silica (SiO ₂) Insoluble Residue (IR)	Lime Reactivity Test of Pozzolan Materials	Three No. Packs (Each 160 g)			
105	RM	Standard Sand (Smaller than 2 mm & greater than 1 mm)	Particle Size determination (Smaller than 2 mm & greater than 1 mm) Ref. IS 650	24 kg bag (12 X 2.0 kg)			
106	RM	Standard Sand (Smaller than 1 mm & greater than 500 microns)	Particle Size determination (Smaller than 1 mm & greater than 500 microns) Ref. IS 650	24 kg bag (12 X 2.0 kg)			



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107	RM	Standard Sand (Smaller than 500 microns & greater than 90 microns)	Particle Size determination (Smaller than 1 mm & greater than 500 microns) Ref. IS 650	24 kg bag (12 X 2.0 kg)	CIMEC INFRALABS Pvt. Ltd., (RMP Division), Ghaziabad	Manager, Customer Services rmp@cimec.in +91 9599383143	http://cimec.in/reference-material-producer/
108	CRM	Ordinary Portland Cement (OPC) - Blaine fineness OPC - Range: 250-300 m2/kg OPC - Range: 300-350 m2/kg OPC - Range: 400-450 m2/kg	Calibration Blaine Air Permeability Apparatus	40 g	Standard Reference Material, National Council for Cement and Building Materials, Ballabgarh	Mr. Amit Trivedi cqcb@ncbindia.com 0129-4192239, 305	https://www.ncbindia.com/wp-content/uploads/PT_Schemes/RateList-CRMsBNDfor2021-22.pdf
109	CRM	Fly ash - Blaine fineness Range: 200-600 m2/kg	Calibration Blaine Air Permeability Apparatus	40 g			
110	CRM	White Portland Cement (WPC) - Blaine fineness Range: 200-500 m2/kg	Calibration Blaine Air Permeability Apparatus	40 g			
111	CRM	Portland Pozzalana Cement (PPC) - Blaine fineness Range: 200-500 m2/kg	Calibration Blaine Air Permeability Apparatus	40 g			



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112	CRM	Portland Slag Cement (PSC) - Blaine fineness Range: 200-500 m ² /kg	Calibration Blaine Air Permeability Apparatus	40 g	Standard Reference Material, National Council for Cement and Building Materials, Ballabgarh	Mr. Amit Trivedi cqcb@ncbindia.com 0129-4192239, 305	https://www.ncbindia.com/wp-content/uploads/PT_Schemes/RateList-CRMsBNDfor2021-22.pdf
113	CRM	Composite Cement - Blaine fineness Range: 200-500 m ² /kg	Calibration Blaine Air Permeability Apparatus	40 g			
114	CRM	Limestone - Chemical parameter (K ₂ O, Al ₂ O ₃ , CaO, Fe ₂ O ₃ , LOI, MgO, Mn ₂ O ₃ , Na ₂ O, P ₂ O ₅ , SiO ₂ , TiO ₂)	Calibration of Instrument and validation of method for characterization of the measurand for analysis of Limestone	20 g			
115	CRM	Hydrated Lime - CaO, MgO, SiO ₂ , IR	Lime Reactivity Test	500 g			
116	CRM	Ordinary Portland Cement (OPC) - Chemical parameter (Cl, Al ₂ O ₃ , CaO, Fe ₂ O ₃ , IR, K ₂ O, LOI, MgO, Mn ₂ O ₃ , Na ₂ O, SiO ₂ , SO ₃ , TiO ₂)	Calibration of Instrument and validation of method for characterization of the measurand for analysis of OPC	20 g			



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117	CRM	Clinker - Chemical parameter (TiO ₂ , Al ₂ O ₃ , CaO, Cl, Fe ₂ O ₃ , K ₂ O, LOI, MgO, Mn ₂ O ₃ , Na ₂ O, SiO ₂ , SO ₃)	Calibration of Instrument and validation of method for characterization of the measurand for analysis of Clinker	20 g	Standard Reference Material, National Council for Cement and Building Materials, Ballabgarh	Mr. Amit Trivedi cqcb@ncbindia.com 0129-4192239, 305	https://www.ncbindia.com/wp-content/uploads/PT_Schemes/RateList-CRMsBNDfor2021-22.pdf
118	CRM	Portland Pozzalana Cement (PPC) - Chemical parameter(Cl, IR, K ₂ O, LOI, MgO, Na ₂ O, SO ₃)	Calibration of Instrument and validation of method for characterization of the measurand for analysis of PPC	20 g			
119	CRM	Portland Slag Cement (PSC) - Chemical parameter (Sulphide Sulphur, Al ₂ O ₃ , CaO, Cl, Fe ₂ O ₃ , K ₂ O, LOI, MgO, Mn ₂ O ₃ , Na ₂ O, P ₂ O ₅ , SiO ₂ , SO ₃ , TiO ₂)	Calibration of Instrument and validation of method for characterization of the measurand for analysis of PSC	20 g			
120	CRM	Raw Meal - Chemical parameter (TiO ₂ , Al ₂ O ₃ , CaO, Cl, Fe ₂ O ₃ , K ₂ O, LOI, MgO, Mn ₂ O ₃ , Na ₂ O, SiO ₂ , SO ₃)	Calibration of Instrument and validation of method for characterization of the measurand for analysis of Raw Meal	20 g			
121	CRM	Fly ash - Chemical parameter (Cl, Al ₂ O ₃ , CaO, Fe ₂ O ₃ , K ₂ O, LOI, MgO, Na ₂ O, SiO ₂ , SO ₃)	Calibration of Instrument and validation of method for characterization of the measurand for analysis of Fly ash	20 g			



List of Reference Material with NABL Accredited RMP

S.No	RM/CRM	Name of RM/CRM	Purpose/ Intended use	Pack size	Name of RMP	Contact Details	Link of Website
122	CRM	Blast Furnace Slag- Chemical parameter (Sulphide sulphur, Al ₂ O ₃ , CaO, Fe ₂ O ₃ , GOI, IR, K ₂ O, MgO, Mn ₂ O ₃ , Na ₂ O, SiO ₂ , SO ₃ , TiO ₂)	Calibration of Instrument and validation of method for characterization of the measurand for analysis of Blast Furnace Slag	20 g	Standard Reference Material, National Council for Cement and Building Materials, Ballabgarh	Mr. Amit Trivedi cqcb@ncbindia.com 0129-4192239, 305	https://www.ncbindia.com/wp-content/uploads/PT_Schemes/RateList-CRMsBNDfor2021-22.pdf
123	CRM	Coal - Chemical parameter (Ash, Gross Calorific Value, Moisture, Sulphur, Volatile Matter)	Calibration of Instrument and validation of method for characterization of the measurand for analysis of Coal	39 g			
124	CRM	Composite Cement - Chemical parameter (Al ₂ O ₃ , CaO, Cl, Fe ₂ O ₃ , IR, K ₂ O, LOI, MgO, Na ₂ O, SiO ₂ , SO ₃)	Calibration of Instrument and validation of method for characterization of the measurand for analysis of Composite Cement	20 g			
125	CRM	Levofloxacin	Pharmaceutical testing, R & D and Method Validation	200mg	Indian Pharmacopoeia Commission, Indian Pharmacopoeia Laboratory, Ghaziabad	Dr. Anuj Prakash lab.ipc@gov.in 0120-2800500/2783392	www.ipc.gov.in
126	CRM	Nicotinamide	Pharmaceutical testing, R & D and Method Validation	200mg			
127	CRM	Chloroquine Sulphate	Pharmaceutical testing, R & D and Method Validation	200mg			



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S.No	RM/CRM	Name of RM/CRM	Purpose/ Intended use	Pack size	Name of RMP	Contact Details	Link of Website
128	CRM	Fluoxetine Hydrochloride	Pharmaceutical testing, R & D and Method Validation	200mg	Indian Pharmacopoeia Commission, Indian Pharmacopoeia Laboratory, Ghaziabad	Dr. Anuj Prakash lab.ipc@gov.in 0120-2800500/2783392	www.ipc.gov.in
129	CRM	Telmisartan	Pharmaceutical testing, R & D and Method Validation	200mg			
130	CRM	Glibenclamide	Pharmaceutical testing, R & D and Method Validation	200mg			
131	CRM	Ethylvanillin	Pharmaceutical testing, R & D and Method Validation	200mg			
132	CRM	Atenolol	Pharmaceutical testing, R & D and Method Validation	200mg			
133	CRM	Chlorthalidone	Pharmaceutical testing, R & D and Method Validation	200mg			
134	CRM	Donepezil Hydrochloride	Pharmaceutical testing, R & D and Method Validation	200mg			
135	CRM	Enalapril Maleate	Pharmaceutical testing, R & D and Method Validation	200mg			

For more details of RMP, refer Document NABL 800, Directory of Accredited Reference Material Producers.



List of Reference Material with NABL Accredited RMP

S.No	RM/CRM	Name of RM/CRM	Purpose/ Intended use	Pack size	Name of RMP	Contact Details	Link of Website
136	CRM	Metoprolol Tartrate	Pharmaceutical testing, R & D and Method Validation	200mg	Indian Pharmacopoeia Commission, Indian Pharmacopoeia Laboratory, Ghaziabad	Dr. Anuj Prakash lab.ipc@gov.in 0120-2800500/2783392	www.ipc.gov.in
137	CRM	Propranolol Hydrochloride	Pharmaceutical testing, R & D and Method Validation	200mg			
138	CRM	Triamcinolone	Pharmaceutical testing, R & D and Method Validation	200mg			
139	CRM	Mebendazole	Pharmaceutical testing, R & D and Method Validation	200mg			
140	CRM	Isoniazid	Pharmaceutical testing, R & D and Method Validation	200mg			
141	CRM	Pyrimethamine	Pharmaceutical testing, R & D and Method Validation	200mg			

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S.No	RM/CRM	Name of RM/CRM	Purpose/ Intended use	Pack size	Name of RMP	Contact Details	Link of Website
142	CRM	Sulphur Matrix : Di Butyl Sulphide in Paraffin liquid light/ Di Butyl Sulphide in 70% Iso Octane and 30% Toluene/ Fuels and lubricants -Base oil/ Mineral Oil/ Liquid Paraffin/ Refinery Fuel Streams	Calibration of Equipment - ED XRF- ASTM D 4294-2016/ ASTM D 7220-2017/ ISO 20847-2004/ ISO 8754-2003/ ISO 13032-2012 WD XRF-ASTM D 2622-2016/ ASTM D 20884:2016 UVF Analyser-ASTM D 5453-2019/ ASTM D7183:2018/ISO 20846:2011	100 ml	HPCL, RMP, Quality Control Laboratory, Visakhapatnam	Mr. Abhishek Dosodia hpcrm@hpcl.in 0891-2826906.	NA
143	CRM	Freezing Point Matrix : ATF/ Blend of petroleum Oils/ Blend of Chemicals	Performance verification of Equipment ASTM D 7153: 2015/ASTM D2386:2019.	250 ml			
144	CRM	Kinematic Viscosity Matrix : ATF/ Diesel/ Blend of petroleum Oils/ Blend of Chemicals/ Paraffin Liquid/ Base Oil/ Hydrocarbon Oils/ Synthetic Oils	Calibration and or performance verification of Equipment - ASTM D445: 2019/IS 1448 P:25: 2019/ISO 3104: 1994.	500 ml			
145	CRM	Smoke Point Matrix : ATF/ Kerosene/ Blend of Petroleum Oils/ Blend of Chemicals	Performance verification of Equipment ASTM D 1322: 2019/ISO 3014:1993	250 ml			
146	CRM	Total Base Number Matrix : Lubricants/Mineral oils	Calibration and or performance verification of Equipment - ASTM D2896-2015/ASTM D4739:2017/ IS 1448	50 g			



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S.No	RM/CRM	Name of RM/CRM	Purpose/ Intended use	Pack size	Name of RMP	Contact Details	Link of Website
			P:86-1977/ ASTM D664:2018/ ASTM D974:2021				
147	CRM	Total Acid Number Matrix : Lubricants/Mineral oil/Petroleum oil	Performance verification of Equipment ASTM D664 : 2018/ASTM D974:2021	50 g	HPCL, RMP, Quality Control Laboratory, Visakhapatnam	Mr. Abhishek Dosodia hpcrm@hpcl.in 0891-2826906.	NA
148	CRM	Colour ASTM Matrix : Lubricants/ Mineral Oil./Synthetic Oil	Performance verification of Equipment ASTM D 6045-2020/ ASTM D 1500-2017/ IS 1448 Part-12: 2018	500 ml			
149	CRM	Density Matrix : MS/ Kerosene/ ATF/ Diesel/ Hydrocarbon Solvents/ Fuels and Lubricants - Base Oil/ Mineral Oil/ Liquid Paraffin/ Refinery Fuel Stream	Performance verification of Equipment ASTM D 4052-2018/ ISO 3675-1998/ ASTM D 1298-2017/ IS 1448 P 16:2019.	500 ml			
150	CRM	COC Flash point Matrix : Base Oil/ Lubricants/ Hydrocarbon Oils	Performance verification of Equipment ASTM D 92: 2020/IS 1448 P:69: 2019.	250 ml			
151	CRM	Flash Point (PMCC) Matrix : HFHSD/ Lubricants/ Hydrocarbon Solvents	Performance verification of Equipment ASTM D 93: 2020/ISO 2719: 2016/IS 1448 P:21: 2019.	250 ml			

For more details of RMP, refer Document NABL 800, Directory of Accredited Reference Material Producers.



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S.No	RM/CRM	Name of RM/CRM	Purpose/ Intended use	Pack size	Name of RMP	Contact Details	Link of Website
152	CRM	Flash Point (Abel) Matrix : Kerosene/ATF/ Diesel/ Hydrocarbon Solvents	Performance verification of Equipment IS 1448 P20:2019/IP170:2014/IS O 13736:2013.	250 ml	HPCL, RMP, Quality Control Laboratory, Visakhapatnam	Mr. Abhishek Dosodia hpcrm@hpcl.in 0891-2826906.	NA
153	CRM	Colour Saybolt Matrix : Petroleum Oil/ Blend of Chemicals/ Mineral Oil/ Synthetic Oil	Performance verification of Equipment IS 1448 P-14-2019/ ASTM D 6045-2020/ ASTM D 156-2015	500 ml			
154	CRM	AROMATICS Matrix : Petroleum Oil/ ATF	Performance verification of Equipment ASTM D 1319-2020/ IS 1448 Part 23-2016	250 ml			
155	CRM	OLEFINS Matrix : Petroleum Oil/ ATF	Performance verification of Equipment ASTM D 1319-2020/ IS 1448 Part 23-2016	250 ml			
156	CRM	SATURATES Matrix : Petroleum Oil/ ATF	Performance verification of Equipment ASTM D 1319-2020/ IS 1448 Part 23-2016/ISO 3837:1993.	250 ml			



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S.No	RM/CRM	Name of RM/CRM	Purpose/ Intended use	Pack size	Name of RMP	Contact Details	Link of Website
157	CRM	FBP (Final Boiling Point) Matrix : Petroleum Oil/ Blend of Chemicals/ Mineral Oil	Performance verification of Equipment IS 1448 P18-2020/ ASTM D 86-2020/ ISO 3405-2019.	250 ml	HPCL, RMP, Quality Control Laboratory, Visakhapatnam	Mr. Abhishek Dosodia hpcrm@hpcl.in 0891-2826906.	NA
158	CRM	DISTILLATION IBP Matrix : Petroleum Oil/ Blend of Chemicals/ Mineral Oil	Performance verification of Equipment ASTM D 86: 2020/ISO 3405: 2019/IS 1448 P:18: 2020.	250 ml			
159	CRM	DISTILLATION Recovery % by Vol. at Temp °C Matrix : Petroleum Oil/ Blend of Chemicals/ Mineral Oil	Performance verification of Equipment ASTM D 86: 2020/ISO 3405: 2019/IS 1448 P:18: 2020.	250 ml			
160	CRM	Pour Point Matrix : Petroleum Oil/ Blend of Chemicals/ Mineral Oil/ Synthetic Oil	Performance verification of Equipment IS 1448 P 10 Sec 2: 2018/ ASTM D 97-2017/ ISO 3016-1994.	250 ml			