



Hindustan Platinum



**PRECIOUS METAL
REFINERS & CATALYST
MANUFACTURERS**

RARE EXCELLENCE



Hindustan Platinum At A Glance

Founded in 1961, Hindustan Platinum is a trusted global partner in the refining and manufacturing of precious metal products and industrial solutions.

Strategically located in Navi Mumbai, our state-of-the-art facilities support an efficient global supply chain, serving customers in more than 50 countries, with an international presence in the UAE and Puerto Rico.

We work across key industries including petrochemicals, pharmaceuticals, electronics, automotive, fertilizers, and fine chemicals, supporting applications that demand high material integrity and process reliability.

Our focus remains on delivering consistent quality, responsive service, and long-term partnership – underpinned by robust systems, global certifications, and responsible operating practices.

Our Businesses



Refining Services



Catalysts & Chemicals



Electrical Contacts



Nitro Technologies



Engineered Products



Electronic Materials



Precious Metal Management

Our Accreditations





Why Hindustan Platinum

At Hindustan Platinum, customers gain more than refining capability—they gain a partner built for reliability at every stage. Our advantage lies in the way strategic access, disciplined quality systems, and responsible operations come together to support consistent outcomes.

Positioned for Global Trade

With efficient access to Mumbai's international and domestic airports and Nhava Sheva Port, our facilities support the smooth movement of bulk consignments across domestic and international markets. Backed by AEO T2 certification, we help customers manage material flows with greater efficiency, compliance, and supply chain confidence.

Assured Quality

Quality at Hindustan Platinum begins with the purity of raw materials and is reinforced through every stage of manufacturing. Supported by rigorous process validation, in-process controls, robust systems, state-of-the-art facilities and accredited analytical facilities we ensure consistent quality for critical applications.

Clean Processes

In simple terms, we contribute to the world economy, without compromising the world's ecology. A fully integrated effluent treatment plant, root-zone system, and stringent air-quality controls reflect our commitment to responsible, low-impact operations. While we meet stringent environmental regulations, our R&D team drives continuous improvements across processes, particularly in energy and water conservation.

From Recovery to Catalyst Solutions

Catalyst Solutions

Hindustan Platinum offers an integrated value chain reclaiming high-purity metals from spent materials containing precious metal. This circular process transforms spent material into valuable precious metal through various stages, such as homogenizing, sampling, metal analysis, recovery and refining and catalyst manufacturing.

Homogenizing & Sampling

Representative sampling is critical for accurate determination of precious metal content in scrap material. This material is homogenized into a fine powder to ensure that a small sample accurately represents the entire lot for reliable analysis. An appropriate combination of methods, such as incineration, sieving, grinding, blending, and melting, is employed. Multiple representative samples are drawn for evaluation by Hindustan Platinum, the customer, and a reputed international laboratory.

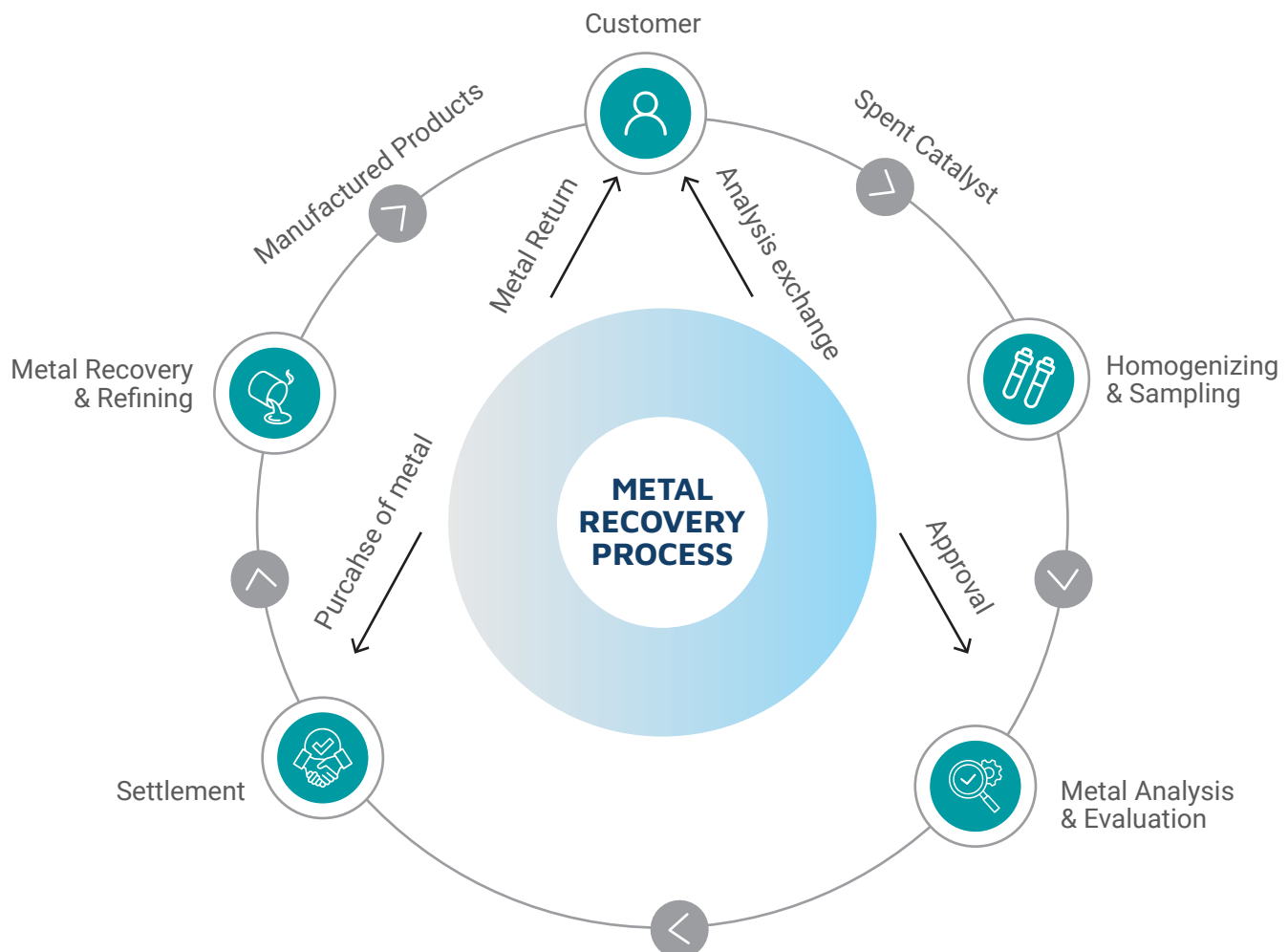
Metal Analysis & Evaluation

To determine precious metal content in the homogenized sample, different analytical methods are used. Method selection is based on the type of material. In addition

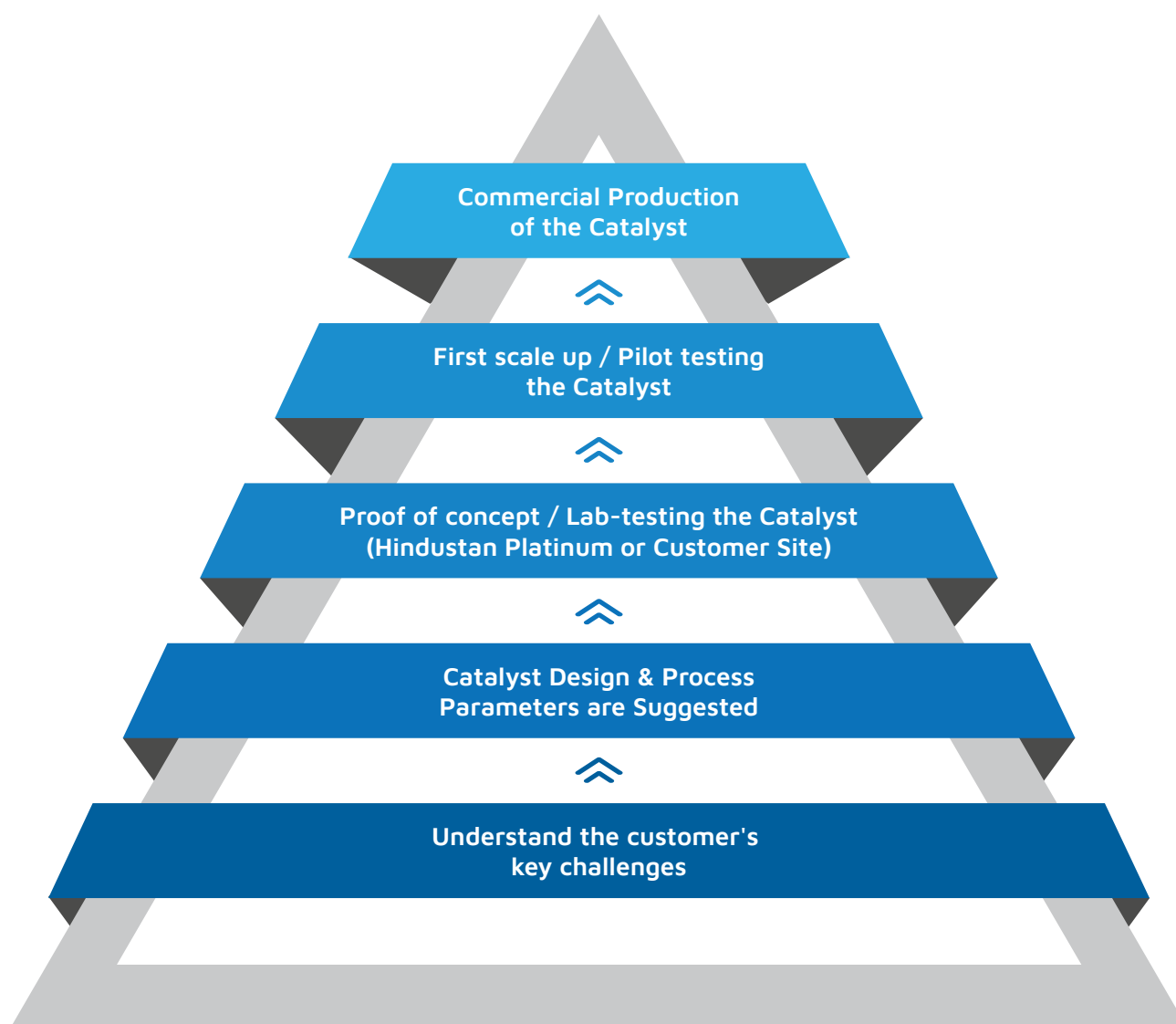
to wet-chemical and fire assay methods, spectroscopic methods are employed to determine the exact precious metal content. Impurity profiling is conducted for high-purity metals. For approval and final settlement, analytical reports are shared with the customer

Metal Recovery, Refining & Conversion

The homogenized material goes through a series of physical and chemical processes for optimal recovery of precious metals. The recovered metals are refined through a complex series of chemical steps to achieve purities above 99.95%, meeting international standards. The resulting high-purity precious metals are used in the manufacture of catalysts and other industrial products, with all supplies accompanied by a Certificate of Analysis.



Catalyst Development for Industrial Chemical Process



Catalyst Manufacturing

Noble metal catalysts occupy niche position because of their unmatched catalytic performance in terms of activity, selectivity, stability, versatility and recyclability. Hindustan Platinum manufactures homogeneous and heterogeneous catalysts for chemical, agrochemical, perfumery, and pharmaceutical applications, validated by decades of professional expertise and exceptional track record.

The catalyst manufacturing is a meticulous process and requires strict adherence to process parameters. The raw materials used in catalyst manufacturing are sourced from approved vendors and analysed for quality.

Testing, Quality & Application Support

Hindustan Platinum wraps every product with its Quality guarantee. All manufactured catalysts are subjected to analysis and quality control at every stage of production. Our state-of-the-art analytical laboratory not only focuses on precise PGM metal assay against specifications but also ensures consistent catalytic performance by measuring surface area, porosity, metal distribution, particle size, and activity, enabling the consistent supply of superior-quality products.

Catalysts are tailor-made to suit customer requirements. Our team provides client support and specialized assistance collaborating closely with customers to develop optimal catalysts for their applications. We produced heterogeneous catalysts with metal loadings ranging from 1% to 20%.

Applications Across Industries									
Metals Refined					Typical Input / Recovery Stream	Industry / Segment	Products / Offering		
Platinum	Palladium	Rhodium	Gold	Silver					
●		●	●		Scrap components	Electroplating	Precious metal salts and solutions		
●	●	●			Precious-metal-bearing catalyst and gauze recovery streams	Fertiliser, explosives, caprolactam and cyanide	Platinum/Rhodium catalyst; Palladium alloy catchment gauzes		
●		●			PGM alloy and refractory scrap	Glass and optical glass	Platinum/Rhodium alloy bushings, spinner baskets, stirrers, thimbles, orifice rings, liners		
●	●	●			Precious-metal-bearing process scrap	Man-made fibre	Precious metal spinnerets, cluster spinnerets, tantalum filters, stainless steel spinnerets		
●	●	●		●	Spent catalysts, ash, solutions and residues	Pharmaceutical and chemical	Precious metal salts and solutions; homogeneous and heterogeneous catalysts		
●		●			Precious metal residues / industrial scrap	Research, analytical, steel and temperature sensing	Platinum laboratory apparatus; platinum and platinum/rhodium thermocouple wires; throwaway tips		
●	●	●			Spent autocatalyst	Automotive	Precious metal recovery and refining		
●	●	●		●	Scrap components	Electrical, switchgear, control gear, appliances and allied industries	Electrical contacts		
●	●	●		●	Spent catalysts; industrial scrap	Oil refining and petrochemicals	Recovery and refining of precious metals from industrial scrap		
●	●		●	●	Metallic scrap and residues; bullion for conversion	Jewellery and bullion conversion	Pt 950 granules, chains in roll, blanks/rings and allied jewellery products		
●	●	●	●	●	PGM residues and sludge, dore and concentrates, process residues, scrap batteries, precious metal concentrates	Refiners, semi-refiners, collectors, mining, photography, batteries	Recovery, refining and metal conversion		

Sustaining Value. Creating Tomorrow.

At Hindustan Platinum, sustainability is not just a commitment it is the foundation of how we create long-term value for our business, our people, and the planet. Our integrated Sustainability and ESG Framework aligns economic growth, environmental stewardship, and social responsibility, supported by strong governance, ethical conduct, and accountability. As part of this journey,

we are working towards becoming climate neutral by 2045.

Our sustainability approach is anchored in Project Harmony, a focused framework that guides our actions, investments, and long-term decisions to create shared value for all stakeholders.

Project Harmony is built on three key pillars:

Protecting Our Environment

We actively reduce our environmental footprint through responsible resource management, energy efficiency, and sustainable manufacturing practices – advancing progress towards a lower carbon future.

Empowering Communities & Workforce

We believe people are at the heart of sustainable growth. Through safe workplaces, continuous skill development, and meaningful community engagement, we invest in resilient teams and stronger communities.

Leading with Integrity & Transparency

Strong governance underpins everything we do. We uphold the highest standards of ethics, compliance, and transparency to ensure accountability and long-term trust.

Together, these efforts reflect our commitment to responsible growth, delivering excellence today while safeguarding tomorrow.



Milestone Of Excellence



Foundational Beginnings

- 1952 : Established as a proprietary firm
- 1961 : Incorporated through equity, technical partnership
- 1976 : Entered full ownership under the Choksi family

Innovation and Growth

- Pioneered bimetal rivets for the Indian market : 1973
- Pioneered high purity sputtering targets in India : 1996
- Strengthened R&D capabilities for Catalysis and other engineered products : 1999-2005
- Major infrastructure upgrade to scale technology and production : 2018
- Advancing catalytic solutions and next-generation electronic materials : 2026



Global Validation & Scale

- 2005-2025 : Achieved multiple global certifications across quality, safety, and sustainability (ISO, IMS, AEO)
- 2014-2016 : Recognized by global bullion and precious metals bodies (LBMA & LPPM Good Delivery listings)
- 2020 : NABL accreditation for high-purity precious metal testing

Sustainable Growth

- Began the long-term shift to renewable energy : 2004 with a 4.5 MWp wind power investment
- Established the Choksi Charitable Foundation : 2015
- Achieved EcoVadis certification : 2022
- Expanded solar capacity with a 238 kWp rooftop installation. : 2023
- Emissions reduction targets validated by SBTi : 2025





Hindustan Platinum



HOMOGENEOUS CATALYSTS

RARE EXCELLENCE

Precious Metal Homogeneous Catalysis

Our homogeneous catalysts enable challenging cross-coupling reactions, highly selective hydrogenations and the efficient, high-precision synthesis of fine chemicals.

Palladium

Product Name	CAS No.	Description	Mol.Wt.	Wt. %
Palladium(II) acetate	3375-31-3	$\text{Pd}(\text{OAc})_2$	224.50	47.40
Palladium(II) acetate-High Purity	3375-31-3	$\text{Pd}(\text{OAc})_2\text{-HP}$	224.50	47.40
Palladium(II) pivalate	106224-36-6	$\text{Pd}(\text{OPiv})_2$	308.67	34.48
Bis(dibenzylideneacetone)palladium(0)	32005-36-0	$\text{Pd}(\text{dba})_2$	575.01	18.50
Tris(dibenzylideneacetone)dipalladium(0)	51364-51-3	$\text{Pd}_2(\text{dba})_3$	915.72	23.23
Tris(dibenzylideneacetone)dipalladium(0) chloroform adduct	52522-40-4	$\text{Pd}_2(\text{dba})_3 \cdot \text{CHCl}_3$	1035.10	20.55
Tris(dibenzylideneacetone)dipalladium(0) dichloromethane adduct	In process	$\text{Pd}_2(\text{dba})_3 \cdot \text{CH}_2\text{Cl}_2$	1000.72	21.27
Bis(acetonitrile)dichloropalladium(II)	14592-56-4	$\text{Pd}(\text{CH}_3\text{CN})_2\text{Cl}_2$	259.44	41.01
Bis(benzonitrile)dichloropalladium(II)	14220-64-5	$\text{Pd}(\text{PhCN})_2\text{Cl}_2$	383.60	27.73
Dichloro(1,5-cyclooctadiene)palladium(II)	12107-56-1	$\text{Pd}(\text{cod})\text{Cl}_2$	285.51	37.26
Dibromo(1,5-cyclooctadiene)palladium(II)	12145-47-0	$\text{Pd}(\text{cod})\text{Br}_2$	374.41	28.40
Dichloro(2,5-norbornadiene)palladium(II)	12317-46-3	$\text{Pd}(\text{nbd})\text{Cl}_2$	269.46	39.40
Allylpalladium(II) chloride dimer	12012-95-2	$[\text{Pd}(\text{allyl})\text{Cl}]_2$	365.85	58.15
Crotylpalladium(II) chloride dimer	12081-22-0	$[\text{Pd}(\text{crotyl})\text{Cl}]_2$	393.94	54.03
Cinnamylpalladium(II) chloride dimer	12131-44-1	$[\text{Pd}(\text{cinnamyl})\text{Cl}]_2$	518.08	41.00
Bis(acetylacetonato)palladium(II)	14024-61-4	$\text{Pd}(\text{acac})_2$	304.61	34.92
Tetrakis(triphenylphosphine)palladium(0)	14221-01-3	$\text{Pd}(\text{PPh}_3)_4$	1155.58	9.20
trans-Dichloro[bis(triphenylphosphine)] palladium(II)	13965-03-2	$\text{Pd}(\text{PPh}_3)_2\text{Cl}_2$	701.94	15.15
trans-Dichloro[bis(tri-o-tolylphosphine)] palladium(II)	40691-33-6	$\text{Pd}[\text{P}(\text{oTol})_3]_2\text{Cl}_2$	786.06	13.53
trans-Dichloro[bis(tricyclohexylphosphine)] palladium(II)	29934-17-6	$\text{Pd}(\text{PCy}_3)_2\text{Cl}_2$	738.18	14.40
Bis(tri-tert-butylphosphine)palladium(0)	53199-31-8	$\text{Pd}(\text{tBu}_3\text{P})_2$	511.05	20.81
Dichlorobis[di-tert-butyl (4-dimethylaminophenyl) phosphine] palladium(II)	887919-35-9	$\text{Pd}(\text{AmPhos})_2\text{Cl}_2$	708.07	15.02
Dichloro[1,2-bis(diphenylphosphino) ethane] palladium(II)	19978-61-1	$\text{Pd}(\text{dppe})\text{Cl}_2$	575.74	18.40
Dichloro[(1,3-bis(diphenylphosphino) propane]palladium(II)	59831-02-6	$\text{Pd}(\text{dppp})\text{Cl}_2$	589.77	18.04
Dichloro[(1,4-bis(diphenylphosphino) butane]palladium(II)	29964-62-3	$\text{Pd}(\text{dppb})\text{Cl}_2$	603.80	17.60
Dichloro[1,1'-bis (diphenylphosphinoferrocene)]palladium(II)	72287-26-4	$\text{Pd}(\text{dppf})\text{Cl}_2$	731.72	14.54
Dichloro[1,1'-bis (diphenylphosphinoferrocene)] palladium(II) dichloromethane adduct	95464-05-4	$\text{Pd}(\text{dppf})\text{Cl}_2 \cdot \text{CH}_2\text{Cl}_2$	816.61	13.02
Dichloro[1,1'-bis (diphenylphosphinoferrocene)] palladium(II) acetone adduct	851232-71-8	$\text{Pd}(\text{dppf})\text{Cl}_2 \cdot \frac{1}{2}\text{CH}_3\text{COCH}_3$	760.7	13.99

Palladium (Contd.)

Product Name	CAS No.	Description	Mol. Wt.	Wt. %
Dichloro[1,1'-bis (di-tert-butylphosphinoferrocene) palladium(II)]	95408-45-0	Pd(dtbpf)Cl ₂	651.75	16.32
Dichloro[bis(2-(diphenylphosphino) phenyl)ether]palladium(II)	205319-06-8	Pd(DPEPhos)Cl ₂	715.88	14.86
Dichloro[9,9-dimethyl-4,5-bis (diphenylphosphinoxanthene)]palladium(II)	205319-10-4	Pd(XantPhos)Cl ₂	755.95	14.07
Dichloro[(R)-(BINAP)]palladium(II)	115826-95-4	Pd[(R)-BINAP]Cl ₂	800.00	13.30
Dichloro[(S)-(BINAP)]palladium(II)	127593-28-6	Pd[(S)-BINAP]Cl ₂	800.00	13.30
trans-Dichlorobis (di-tert-butylphenylphosphine) palladium (II)	34409-44-4	Pd[P(tBu) ₂ Ph] ₂ Cl ₂	621.98	17.10
Chloro[(tri-tert-butylphosphine) -2-(2-aminobiphenyl)]palladium(II)	1375325-71-5	P(tBu) ₃ Pd G2*	512.40	20.76
(2-Dicyclohexylphosphino-2',6'-diisopropoxy-1, 1'-biphenyl) [2- (2'-amino-1,1'-biphenyl)] palladium(II) methanesulfonate	1445085-77-7	RuPhos Pd G3*	836.40	12.72
Chloro(η ³ -allyl)[bis(1-adamantyl) (n-butyl)phosphine]palladium(II)	2703751-81-7	PdCl(allyl)(Ad ₂ (nBu)P)	541.49	19.54

* Many variants are available

Rhodium

Product Name	CAS No.	Description	Mol. Wt.	Wt. %
Dirhodium tetraacetate (Rhodium acetate dimer)	15956-28-2	[Rh(OAc) ₂] ₂	441.99	46.56
Dirhodium tetraoctanoate (Rhodium octanoate dimer)	73482-96-9	[Rh(C ₇ H ₁₅ COO) ₂] ₂	778.63	26.43
Rhodium(III) acetylacetonate	14284-92-5	Rh(acac) ₃	400.23	25.71
Chloro(1,5-cyclooctadiene) rhodium(I) dimer	12092-47-6	[Rh(cod)Cl] ₂	493.08	41.74
Chloro(2,5-norbornadiene)rhodium(I) dimer	12257-42-0	[Rh(nbd)Cl] ₂	460.99	44.64
Bis(1,5-cyclooctadiene)rhodium(I) tetrafluoroborate	35138-22-8	[Rh(cod) ₂]BF ₄	406.07	25.33
Bis(2,5-norbornadiene)rhodium(I) tetrafluoroborate	36620-11-8	[Rh(nbd) ₂]BF ₄	373.99	27.51
Pentamethylcyclopentadienylrhodium (III) chloride dimer	12354-85-7	[Rh(Cp*)Cl ₂] ₂	618.08	33.30
Chlorotris(triphenylphosphine) rhodium(I) (Wilkinson's catalyst)	14694-95-2	RhCl(PPh ₃) ₃	925.23	11.12
Tris(triphenylphosphine)rhodium(I) carbonyl hydride	17185-29-4	Rh(H)(CO)(PPh ₃) ₃	918.78	11.20
(Acetylacetonato) dicarbonylrhodium (I)	14874-82-9	Rh(acac)(CO) ₂	258.04	39.90
Acetylacetonatocarbonyltriphenyl phosphinerhodium(I) (ROPAC)	25470-96-6	Rh(CO)(PPh ₃)(acac)	493.32	20.85
[(S,S)-2-Amino-1,2-diphenylethyl] [(4-tolyl)sulfonyl] amido(chloro) pentamethylcyclopentadienylrhodium(I)	219944-99-7	Rh[(S,S)-TsDPEN](Cp*)Cl	639.06	16.10
[(R,R)-2-Amino-1,2-diphenylethyl] [(4-tolyl)sulfonyl] amido(chloro)pentamethylcyclopentadienylrhodium(I)	223392-99-2	Rh[(R,R)-TsDPEN](Cp*)Cl	639.06	16.10

Iridium

Product Name	CAS No.	Description	Mol.Wt.	Wt. %
(1,5-Cyclooctadiene)(methoxy) iridium(I) dimer	12148-71-9	$[\text{Ir}(\text{OMe})(\text{cod})]_2$	662.87	58.01
Chloro(1,5-cyclooctadiene)iridium(I) dimer	12112-67-3	$[\text{Ir}(\text{cod})\text{Cl}]_2$	671.72	57.10

Ruthenium

Product Name	CAS No.	Description	Mol.Wt.	Wt. %
Ruthenium(III) acetylacetonate	14284-93-6	$\text{Ru}(\text{acac})_3$	398.39	25.36
Dichloro(1,5-cyclooctadiene) ruthenium(II) polymer	50982-12-2	$[\text{RuCl}_2(\text{cod})]_n$	280.16	36.06
Tris(triphenylphosphine)ruthenium(II) dichloride	15529-49-4	$\text{RuCl}_2(\text{PPh}_3)_3$	958.83	10.50
Dichloro(p-cymene)ruthenium(II) dimer	52462-29-0	$[(\text{p-cymene})\text{RuCl}_2]_2$	612.39	33.00
Diiodo(p-cymene)ruthenium(II) dimer	90614-07-6	$[(\text{p-cymene})\text{RuI}_2]_2$	978.19	20.66
Chloro[(R)-(BINAP)](p-cymene) ruthenium(II) chloride	145926-28-9	$[\text{((R)-BINAP)RuCl}(\text{p-cymene})]\text{Cl}$	928.87	10.88
Chloro[(S)-(BINAP)](p-cymene) ruthenium(II) chloride	130004-33-0	$[\text{((S)-BINAP)RuCl}(\text{p-cymene})]\text{Cl}$	928.87	10.88
((S,S)-2-Amino-1,2-diphenylethyl)[(4-tolyl) sulfonyl]amido(chloro)(p-cymene)ruthenium(II)	192139-90-5	$\text{RuCl}(\text{p-cymene})[(\text{S,S})\text{-Ts-DPEN}]$	636.21	15.88
((R,R)-2-Amino-1,2-diphenylethyl)[(4-tolyl)sulfonyl] amido(chloro)(p-cymene)ruthenium(II)	192139-92-7	$\text{RuCl}(\text{p-cymene})[(\text{R,R})\text{-Ts-DPEN}]$	636.21	15.88

Platinum

Product Name	CAS No.	Description	Mol.Wt.	Wt. %
Tetrakis(triphenylphosphine)platinum(0)	14221-02-4	$\text{Pt}(\text{PPh}_3)_4$	1244.21	15.68
Tris(dibenzylideneacetone)platinum(0)	11072-92-7	$\text{Pt}(\text{dba})_3$	897.96	21.70
Bis(acetylacetonato)platinum(II)	15170-57-7	$\text{Pt}(\text{acac})_2$	393.29	49.60
Dihydrogen hexahydroxyplatinate(IV)	51850-20-5	Platinic Acid $\text{H}_2\text{Pt}(\text{OH})_6$	299.14	65.21
Dichloro(1,5-cyclooctadiene)platinum(II)	12080-32-9	$\text{Pt}(\text{cod})\text{Cl}_2$	374.16	52.13
Karstedt catalyst solutions (in Toluene/Xylene/Hexane)	68478-92-2	$\text{O}[\text{Si}(\text{CH}_3)_2\text{CH}=\text{CH}_2]_2\text{Pt}$	x	1.00-5.00

Hindustan Platinum's state-of-the art manufacturing facility, supported by advanced R&D capabilities and efficient recovery process; drives global innovation in homogeneous catalysis.

We are proud to offer Buchwald's cross-coupling technology under license from Massachusetts Institute of Technology (MIT)

New products will be continuously added to our range, please ask us directly for enquiries.

For more information, please contact us at cc.sales@hp.co.in



Hindustan Platinum



HETEROGENEOUS CATALYSTS

RARE EXCELLENCE

Heterogeneous Catalysts

Our supported catalysts enable selective hydrogenations, oxidations and cross-couplings.

Reaction	Grade	Description
Nitro to Amine Transformation	RD-4173	5% Pd/C
	RD-203	5% Pd/C
	R-629	5% Pd/C
	RD-4183	10% Pd/C
	RD-4244	4.5% Pd, 0.5% Pt, 5% Fe /C
Selective Nitro Hydrogenation in Halonitroaromatics	RD-451	1% Pt/C
	R-1317	1% Pt/C
	RD-4171	2% Pt/C
	RD-4345	3% Pt/C
Nitrobenzene to <i>para</i> -Amino Phenol	RD-4138	3% Pt/C
	RD-4170	3% Pt/C
Nitroso Hydrogenation	RD-4153	5% Pd/C
	R-1317	5% Pt/C
	RD-4112	5% Pt/C
N-Debenzylation	RD-4235	5% Pd/C
	RD-203	5% Pd/C
	R-1406(2R)	10% Pd/C
	RD-4095	10% Pd/C
	RD-4161	10% Pd/C
O-Debenzylation	RD-4153	5% Pd/C
	RD-203	5% Pd/C
	R-629	10% Pd/C
	RD-4161	10% Pd/C
Cbz Deprotection	RD-4273	5% Pd/C
	RD-4153	5% Pd/C
	RD-203	5% Pd/C
	R-1406(2R)	10% Pd/C

Reaction	Grade	Description
Reductive Amination	RD-4089	5% Pd/C
	RD-312	10% Pd/C
	RD-4256	10% Pd/C
Reductive Alkylation	RD-4161	10% Pd/C
	RD-4256	10% Pd/C
	RD-306	10% Pd/C
	R-1403	10% Pd/C
	RD-4112	5% Pt/C
Nitrile Hydrogenation	RD-4255	5% Pd/C
	RD-4345	3% Pt/C
	RD-4112	5% Pt/C
	R-1317	5% Pt/C
Imine, Iminoether Hydrogenation	RD4089	5% Pd/C
	RD-92	5% Pd/C
	RD-4030	5% Pd/Al ₂ O ₃
	RD-4345	3% Pt/C
	RD-4017	5% Pt/C
	R-1317	5% Pt/C
Hydrazone, Oxime Hydrogenation	RD-4345	3% Pt/C
	RD-4017	5% Pt/C
	R-1317	5% Pt/C
Heterocyclic Ring (e.g.: Pyridine) Hydrogenation	RD-4161	10% Pd/C
	RD-4213	10% Pd/C
	RD-306	10% Pd/C
	RD-312	10% Pd/C
Aromatic Ring Hydrogenation	RD-4256	10% Pd/C
	RD-4236	10% Pd/C
	RD-162	10% Pd/C
	RD-343	10% Pd/C

Reaction	Grade	Description
Aromatic Ring Hydrogenation	RD-4252	5% Rh/C
	RD-4156	5% Ru/Al ₂ O ₃
Ring Hydrogenation (e.g.: Cyclohexene)	RD-4112	5% Pt/C
	R-1317	5% Pt/C
	RD-4091	5% Ru/C
	RD-4115	5% Ru/C
Double Ring Hydrogenation	RD-162	5% Pd/C
	RD-343	5% Pd/C
	RD-4095	10% Pd/C
	RD-4117	5% Rh/C
Aliphatic C=C Bond Hydrogenation	RD-4204	5% Pd/C
	RD-4184	5% Pd/C
	RD-203	5% Pd/C
	R-629	5% Pd/C
Selective Alkyne Hydrogenation to Alkene	R-1914	5% Pd/CaCO ₃ (Lead)
	RD-4250	5% Pd/CaCO ₃ (Lead)
	RD-4362	5% Pd/CaCO ₃ (Lead-free)
Selective alpha, beta C=C Hydrogenation (over C=O)	RD-4329	1% Pd/C
	RD-559	5% Pd/C
	RD-4204	5% Pd/C
Ketone Hydrogenation	RD-4105	5% Pd/C
	RD-4136	5% Pd/C
	RD-203	5% Pd/C
	R-629	5% Pd/C
	R-1376	5% Ru/C
	RD-4115	5% Ru/C
	RD-4091	5% Ru/C
Ketone hydrogenation (selectively)	RD-4170	3% Pt/C
	RD-4017	5% Pt/C

Reaction	Grade	Description
Ketone hydrogenation (selectively)	RD-741	5% Pt/C
	RD-709	5% Pt/C
Aldehyde Hydrogenation (aromatic or aliphatic)	RD-4255	5% Pd/C
	RD-4112	5% Pt/C
	R-1317	5% Pt/C
	R-1375	5% Ru/C
	R-1376	5% Ru/C
Full Hydrogenation of alpha, beta C=C & C=O	RD-4256	10% Pd/C
	RD-4112	5% Pt/C
	R-1317	5% Pt/C
Epoxide opening	RD-4205	5% Pd/C
	RD-718	5% Pd/C
Isomerisation of Alkenes	RD-4315	1% Pt/Al ₂ O ₃
	R-1375	5% Ru/C
	RD-4091	5% Ru/C
	R-1376	5% Ru/C
Dehalogenation	RD-4153	5% Pd/C
	RD-4193	5% Pd/C
	RD-203	5% Pd/C
	R-629	5% Pd/C
Dehydrogenation	RD-162	5% Pd/C
	RD-343	5% Pd/C
	RD-4271	0.5% Pt/Al ₂ O ₃ extrudates
	RD-4112	5% Pt/C
Rosenmund reaction	RD-559	2.5% Pd/C
	RD-4265	5% Pd/BaSO ₄
Selective Oxidation	R-1667	4% Pd, 1% Pt, 5% Bi /C
	RD-4298	4% Pt, 1% Bi /C
Deuterium Exchange	R-14	2% Pt/SiO ₂

Reaction	Grade	Description
Deuterium Exchange	RD-4091	5% Ru/C
Cross-Coupling Reactions	RD-4236	10% Pd/C
	RD-4161	10% Pd/C
	RD-203	10% Pd/C

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Platinum

Product Name	CAS No.	Description	Mol. Wt.	Wt. %
Platinum(II) chloride	10025-65-7	PtCl ₂	265.98	73.34
Platinum(IV) chloride	13454-96-1	PtCl ₄	336.90	57.90
Platinum(IV) oxide	1314-15-4	PtO ₂ .xH ₂ O	227.09	85.9
Chloroplatinic acid hydrate	26023-84-7	H ₂ PtCl ₆ .xH ₂ O	409.82*	47.60*
Potassium tetrachloroplatinate(II)	10025-99-7	K ₂ PtCl ₄	415.11	46.99
Sodium hexachloroplatinate(IV) hexahydrate	19583-77-8	Na ₂ PtCl ₆ .6H ₂ O	561.87	34.72
Ammonium hexachloroplatinate(IV)	16919-58-7	(NH ₄) ₂ PtCl ₆	443.89	43.95
Ammonium tetrachloroplatinate(II)	13820-41-2	(NH ₄) ₂ PtCl ₄	372.98	52.29
Tetraammineplatinum(II) chloride	13933-32-9	Pt(NH ₃) ₄ Cl ₂ .H ₂ O	352.11	55.4
Tetraammineplatinum(II) nitrate	20634-12-2	Pt(NH ₃) ₄ (NO ₃) ₂	387.21	50.4
Trimethylplatinum(IV) iodide	14364-93-3	(CH ₃) ₃ PtI	367.09	53.14
Platinum Nitrate Solution	250584-28-2	Pt(NO ₃)	x	100-300g/kg
Platinum Sulfite Acid 15% w/w solution	61420-92-6	H ₃ Pt(SO ₃) ₂ (OH)	x	15.00
Karstedt catalyst 1% Pt solution in Toluene	68478-92-2	O[Si(CH ₃) ₂ CH=CH ₂] ₂ Pt	x	1.00
Karstedt catalyst 2% Pt solution in Toluene	68478-92-2	O[Si(CH ₃) ₂ CH=CH ₂] ₂ Pt	x	2.00
Karstedt catalyst 3% Pt solution in Toluene	68478-92-2	O[Si(CH ₃) ₂ CH=CH ₂] ₂ Pt	x	3.00
Karstedt catalyst 5% Pt solution in Toluene	68478-92-2	O[Si(CH ₃) ₂ CH=CH ₂] ₂ Pt	x	5.00
Karstedt catalyst 1% Pt solution in Xylene	68478-92-2	O[Si(CH ₃) ₂ CH=CH ₂] ₂ Pt	x	1.00
Karstedt catalyst 3% Pt solution in Xylene	68478-92-2	O[Si(CH ₃) ₂ CH=CH ₂] ₂ Pt	x	3.00
Karstedt catalyst 5% Pt solution in Xylene	68478-92-2	O[Si(CH ₃) ₂ CH=CH ₂] ₂ Pt	x	5.00
Karstedt catalyst 1% Pt solution in Hexane	68478-92-2	O[Si(CH ₃) ₂ CH=CH ₂] ₂ Pt	x	1.00
Karstedt catalyst 3% Pt solution in Hexane	68478-92-2	O[Si(CH ₃) ₂ CH=CH ₂] ₂ Pt	x	3.00
Karstedt catalyst 5% Pt solution in Hexane	68478-92-2	O[Si(CH ₃) ₂ CH=CH ₂] ₂ Pt	x	5.00

* Anhydrous basis

Palladium

Product Name	CAS No.	Description	Mol.Wt.	Wt. %
Palladium(II) chloride	7647-10-1	PdCl ₂	177.31	60.02
Palladium(II) oxide	1314-08-5	PdO	122.42	86.93
Palladium(II) nitrate hydrate	207596-32-5	Pd(NO ₃) ₂ .xH ₂ O	230.43*	46.18*
Potassium tetrachloropalladate(II)	10025-98-6	K ₂ PdCl ₄	326.42	32.59
Sodium tetrachloropalladate(II)	13820-53-6	Na ₂ PdCl ₄ .xH ₂ O	294.21	36.17
Potassium hexachloropalladate(IV)	16919-73-6	K ₂ PdCl ₆	397.32	26.78
Tetraamminepalladium(II) chloride	13933-31-8	Pd(NH ₃) ₄ Cl ₂ .H ₂ O	263.43	40.39
Tetraamminepalladium(II) tetrachloropalladate(II)	13820-44-5	[Pd(NH ₃) ₄][PdCl ₄]	422.76	50.34
Tetraamminepalladium(II) Hydrogen Carbonate	134620-00-1	Pd(NH ₃) ₄ (HCO ₃) ₂	296.58	35.88
Trans-dichlorodiamminepalladium(II)	14323-43-4	Pd(NH ₃) ₂ Cl ₂	211.37	50.34
Diamminepalladium(II) nitrite	14852-83-6	(NH ₃) ₂ Pd(NO ₂) ₂	232.47	45.78
Potassium tetracyanopalladate(II) hydrate	14516-46-2	K ₂ Pd(CN) ₄ .3H ₂ O	342.62	31.10
Palladium Nitrate Solution	10102-05-3	Pd(NO ₃) ₂	x	50-150 g/kg

* Anhydrous basis

Rhodium

Product Name	CAS No.	Description	Mol.Wt.	Wt. %
Rhodium(III) chloride trihydrate	20765-98-4	RhCl ₃ ·3H ₂ O	263.41	39.07
Rhodium(III) Iodide	15492-38-3	RhI ₃	483.62	21.28
Rhodium(II) acetate dimer	15956-28-2	[Rh(OAc) ₂] ₂	441.99	46.56
Rhodium(II) octanoate dimer	73482-96-9	[Rh(C ₇ H ₁₅ COO) ₂] ₂	778.63	26.43
Ammonium hexachlororhodate(III)	15336-18-2	(NH ₄) ₃ RhCl ₆	369.74	27.83
Potassium hexachlororhodate(III)	13845-07-3	K ₃ RhCl ₆	432.93	23.77
Rhodium(III) sulphate 10% w/w solution	10489-46-0	Rh ₂ (SO ₄) ₃	494.00	10.00
Rhodium(III) Nitrate solution	10139-58-9	Rh(NO ₃) ₃	x	70-100 g/kg

Ruthenium

Product Name	CAS No.	Description	Mol.Wt.	Wt. %
Ruthenium(III) chloride trihydrate	13815-94-6	$\text{RuCl}_3 \cdot 3\text{H}_2\text{O}$	261.46	38.66
Ruthenium(IV) oxide (55%)	32740-79-7	$\text{RuO}_2 \cdot 3\text{H}_2\text{O}$	187.07	55.00
Potassium pentachlororuthenate(III) hydrate	14404-33-2	$\text{K}_2\text{RuCl}_5 \cdot x\text{H}_2\text{O}$	356.53*	28.34*
Ruthenium acetate 5% w/w solution	55466-76-7	$\text{Ru}(\text{OAc})_n$ in water	x	5.00

* Anhydrous basis

Iridium

Product Name	CAS No.	Description	Mol.Wt.	Wt. %
Iridium(III) chloride hydrate	14996-61-3	$\text{IrCl}_3 \cdot x\text{H}_2\text{O}$	298.58*	64.37*
Iridium(IV) oxide	12030-49-8	IrO_2	224.22	85.73
Ammonium hexachloroiridate(III) hydrate	15752-05-3	$(\text{NH}_4)_3\text{IrCl}_6 \cdot x\text{H}_2\text{O}$	459.06	41.87
Sodium hexachloroiridate(III) hydrate	123334-23-6	$\text{Na}_3\text{IrCl}_6 \cdot x\text{H}_2\text{O}$	473.89	40.57
Potassium hexachloroiridate(IV)	16920-56-2	K_2IrCl_6	483.13	39.79
Iridium Acetate 5% w/w solution	52705-52-9	$\text{Ir}(\text{OAc})_n$	x	5.00

* Anhydrous basis

Silver

Product Name	CAS No.	Description	Mol.Wt.	Wt. %
Silver(I) bromide	7785-23-1	AgBr	187.78	57.44
Silver(I) chloride	7783-90-6	AgCl	143.32	75.26
Silver(I) fluoride	7775-41-9	AgF	126.87	85.02
Silver(I) iodide	7783-96-2	AgI	234.77	45.95
Silver(I) nitrate	7761-88-8	AgNO_3	169.87	63.50
Silver(I) oxide	20667-12-3	Ag_2O	231.74	93.09
Silver(I) acetate	563-63-3	CH_3COOAg	166.91	64.63
Silver carbonate	534-16-7	Ag_2CO_3	275.75	78.23

Gold

Product Name	CAS No.	Description	Mol.Wt.	Wt. %
Gold(I) chloride	10294-29-8	AuCl	232.42	84.72
Gold(III) chloride hydrate	27988-77-8	HAuCl ₄ .XH ₂ O	339.79*	57.97*
Potassium tetrachloroaurate(III)	13682-61-6	KAuCl ₄	377.88	52.12
Ammonium tetrachloroaurate(III) hydrate	13874-04-9	(NH ₄)AuCl ₄ .xH ₂ O	356.82*	55.20*
Sodium tetrachloroaurate(III) dihydrate	13874-02-7	NaAuCl ₄ .2H ₂ O	397.80	49.51

* Anhydrous basis

Pure Metals

Product Name	CAS No.	Description	Mol.Wt.	Wt. %
Platinum black	7440-06-4	Pt	195.08	98.00
Platinum	7440-06-4	Pt	195.08	99.95+
Palladium black	7440-05-3	Pd	106.42	98.00
Palladium	7440-05-3	Pd	106.42	99.95+
Rhodium	7440-16-6	Rh	102.90	99.90+
Ruthenium	7440-18-8	Ru	101.07	99.90
Iridium	7439-88-5	Ir	192.22	99.90
Gold	7440-57-5	Au	196.97	99.95+
Silver	7440-22-4	Ag	107.86	99.99

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