



PHARMACOPOEIA

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PHARMACOPOEIA

- Derived from Greek word '**Pharmakon**' means **drug** and '**Poiea**' means **to make**.
- It is a legal and official book issued by recognized authorities usually appointed by **Government of each country**.
- It comprises list of pharmaceutical substances, formulae along with their description and standards.
- **List of Pharmacopeias:**
 - a) Argentine b) Austrian c) Belgian d) Brazilian e) **British**
 - f) Chinese g) Egyptian h) **European** i) French j) German
 - k) Hungarian l) **Indian** m) **International** n) Italian o) Japanese
 - p) Yugoslavian q) Mexican r) Netherlands s) Nordic t) Polish
 - u) Portuguese v) Rumanian w) Russian x) Spanish y) Turkish
 - z) **United state**.

INDIAN PHARMACOPOEIA

- First official Pharmacopeia of India appeared in **1868** which was edited by **Edward John Waring**.
- In preindependence days, British Pharmacopeia was used in India.
- The colonial addendum of **BP 1898** was published in **1900** appeared as Government of India edition in **1901**.
- In **1946** Government of India issued one list known as „The Indian Pharmacopeial list“
- Committee under chairmanship of **Sir R. N. Chopra** alongwith other nine members prepared „The Indian Pharmacopeial list“
- It was prepared by Dept. of Health, Govt. of India, Delhi in **1946**.
- In **1948** Government of India appointed an Indian Pharmacopeia committee for preparing „Pharmacopeia of India“
- Tenure of this committee was five years.
- Indian Pharmacopeia committee under chairmanship of **Dr. B. N. Ghosh** Published first edition of IP in **1955**.

INDIAN PHARMACOPOEIA

- It is written in **English** & official titles of monographs given in **Latin**.
- It covers **986** monographs.
- Supplement to this edition was published in **1960**.
- Second edition of **IP** was published in **1966** under the chairmanship of **Dr. B. Mukkerji**.
- Official titles of monographs given in **English**.
- Dose were expressed in **Metric system**.
- For **Tablets and Injections** “**USUAL STRENGTH**” have been given.
- Formulations of the drugs were given immediately after the monograph of drugs.
- **274** monographs from IP 55 & their supplement were deleted.
- **93** new monographs were added.
- Supplement to this edition was published in **1975**.
- **126** new monographs have been included & **250** monographs have been amended.
- **Cholera vaccine** has been deleted.

INDIAN PHARMACOPOEIA

- Third edition of **IP** was published in **1985** with two volumes & nine appendices.
- **261** new monographs have been added.
- **450** monographs were deleted.
- Addendum I to IP was published in **1989** were **46** new monographs added and **126** amended.
- Addendum II was published in **1991** were **62** new monographs added and **110** amended.
- Fourth edition of **IP** was published in **1996** under the chairmanship of **Dr. Nityanand**.
- It has been made effective from **1st December 1996**.
- It covered **1149** monographs and **123** appendices.
- It includes **294** new monographs & **110** monographs have been deleted.
- Addendum I has been made effective from **31st December 2000** were **42** new monographs have been added.
- Addendum II has been made effective from **30th June 2003** were **19** new monographs have been added.
- The veterinary supplement to **IP 1996** contains **208** monographs & **four** appendices.

INDIAN PHARMACOPOEIA

- Fifth edition of **IP** was published in **2007** & addendum to this edition was published in **2008**.
- **IP 2007** is presented in **Three Volumes**.
- Volume **One** contains general notices & general chapters.
- Volume **Two & Three** contains general monographs on drug substances , dosage forms & Pharmaceutical aids.

INDIAN PHARMACOPOEIA 2010

- **6th edition** of **IP** is published in **2010**.
- The **6th edition** of the Indian Pharmacopoeia 2010 is published by the **Indian Pharmacopoeia Commission (IPC) Ghaziabad** in accordance with a plan and completed through the untiring efforts of its members, Secretariat and Laboratory over a period of about two years.
- It supersedes the **2007** edition but any monograph of the earlier edition that does not figure in this edition.
- This edition would be effective from **1st September, 2010**.
- The Indian Pharmacopoeia **2010** is presented in **three volumes**.
- **Volume I** contains the Notices, Preface, the Structure of the IPC, Acknowledgements, Introduction, and the General Chapters.
- **Volume II** contains the General Notice, General Monographs on Dosage Forms and Monographs on drug substances, dosage forms and pharmaceutical aids **(A to M)**.

INDIAN PHARMACOPOEIA 2010

- **Volume III** contains Monographs on drug substances, dosage forms and pharmaceutical aids **(N to Z)**.
- Followed by Monographs on Vaccines and Immunoserum for Human use, Herbs and Herbal products, Blood and blood-related products, Biotechnology products and Veterinary products.
- The scope of the Pharmacopoeia has been extended to include products of biotechnology, indigenous herbs and herbal products, veterinary vaccines and additional antiretroviral drugs and formulations, inclusive of commonly used fixed-dose combinations. Standards for new drugs and drugs used under National Health Programmes are added and the drugs as well as their formulations not in use now a day are omitted from this edition.

INDIAN PHARMACOPOEIA 2010

- The number of monographs of Excipients, Anticancer drugs, Herbal products and antiretroviral drugs has been increased in this edition.
- Monographs of Vaccines and Immunoserum are also upgraded in view of development of latest technology in the field.
- A new chapter on Liposomal products and a monograph of Liposomal Amphotericin B injection is an added advantage in view of latest technology adopted for drug delivery.
- A chapter on NMR is incorporated in Appendices.
- The chapter on microbial contamination is also updated to a great extent to harmonise with prevailing international requirements.

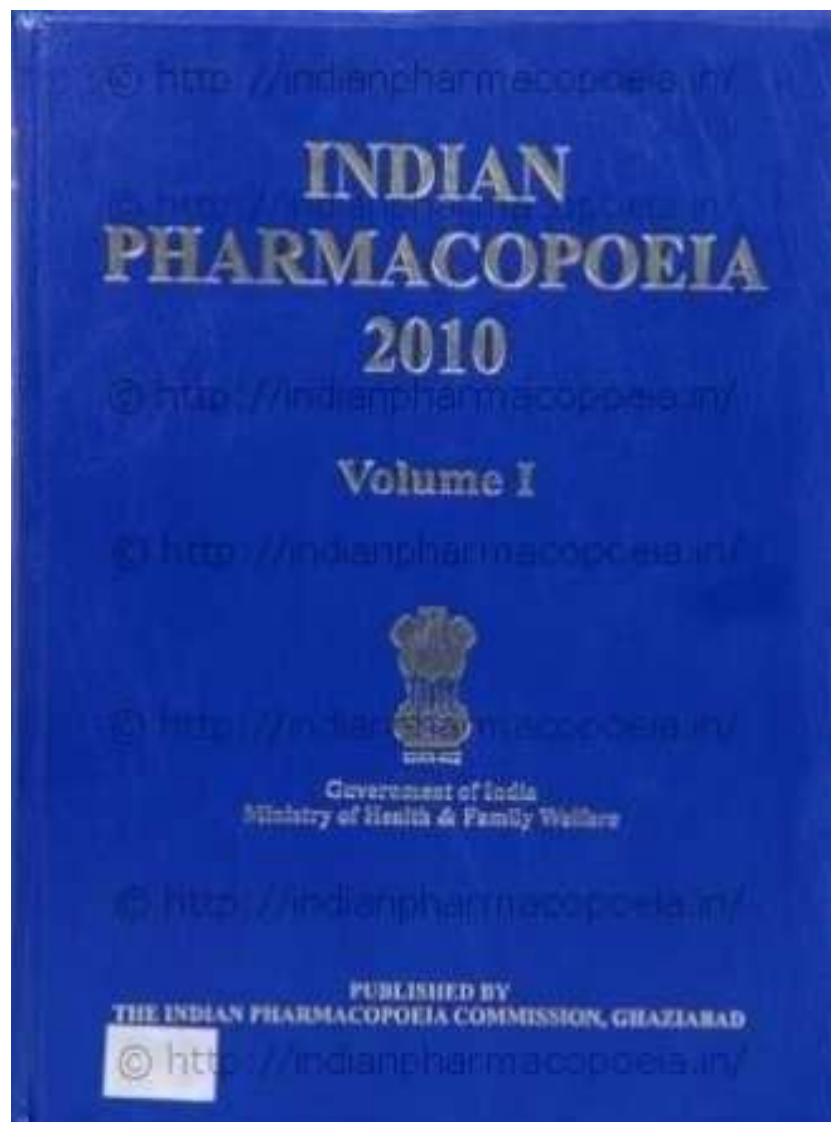
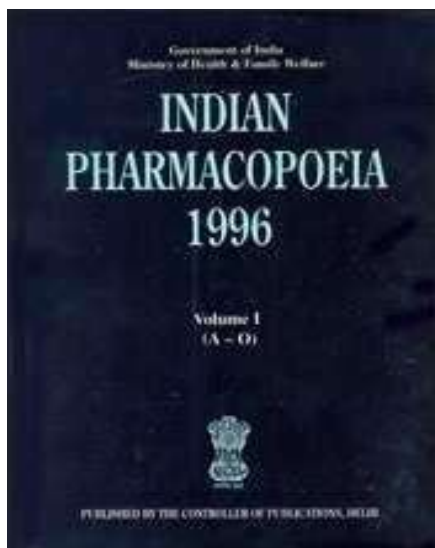
Seventh Edition of Indian Pharmacopoeia

- The seventh edition of the Indian Pharmacopoeia (IP 2014) is published by the Indian Pharmacopoeia Commission (IPC) on behalf of the Government of India, Ministry of Health & Family Welfare.
- The Indian Pharmacopoeia 2014 is presented in four volumes. The scope of the Pharmacopoeia has been extended to include additional anticancer drugs & antiretroviral drugs and formulations, products of biotechnology, indigenous herbs and herbal products, veterinary vaccines.
- The IP 2014 incorporates 2550 monographs of drugs out of which 577 are new monographs consisting of APIs, excipients, dosage forms and herbal products etc.

Seventh Edition of Indian Pharmacopoeia

- A list of 577 New Monographs not included in IP-2010 and its Addendum-2012 but added in this edition containing 313 New Monographs on drug substances, Dosage forms & Pharmaceutical aids (A to Z), 43 New Drugs Substances Monographs, 10 Antibiotic Monographs, 31 Herbal Monographs, 05 Vaccines & immunosera for human use, 06 Insulin Products, 07 Biotechnology Products etc. along with the 19 new General Chapters.
- 19 New Radiopharmaceutical Monographs & 1 General chapter is first time being included in this edition.
- This edition of Indian Pharmacopoeia-2014 is now under printing and will be available to stakeholders probably in Sept.2013, before three months of its effective date, i.e. 1st Jan. 2014.

INDIAN PHARMACOPOEIA



**THANK
YOU**