

# International Journal Research Publication Analysis

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## “COMPILATION OF MONOGRAPHS IN VOLUME-IV OF THE INDIAN PHARAMACOPOEIA-2022”

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### ABSTRACT

This paper focuses on continuation of our previous papers<sup>1&2</sup> by systematically compiling monographs of monographs on veterinary drug substances, dosage forms, and pharmaceutical aids, biologicals, diagnostics, Immunoserum and Surgicals in Indian Pharmacopoeia-2022 (Volume-IV) based on their Number, Assay Standards, Drug categories (API/Formulation), and Therapeutic Uses. The initiative aims to create a reliable, well-organized, and easily accessible digital repository that enhances knowledge, promotes clarity, and supports academic and Professional advancement. By preserving and presenting this critical scientific information, the project contributes to continuous learning, research innovation, and the maintenance of high standards in Pharmaceutical quality control.

**KEYWORDS:** - Pharmacopoeia; Assay Methods; Veterinary drug substances; dosage forms; biologicals; diagnostics; Immunoserum and Surgicals.

### RESULTS AND DISCUSSION

#### 3.10 CORRELATION OF MONOGRAPHS ON VETERINARY DRUG SUBSTANCES, DOSAGE FORMS, AND PHARMACEUTICAL AIDS, BIOLOGICALS, DIAGNOSTICS, IMMUNOSERA AND SURGICALS IN I.P.- 2022 (VOLUME-IV)

S.No	Name Of the Drug	Category	Nature	Assay
1.	Acepromazine Maleate	Sedative; preanaesthetic	Drug substance	NAT
2.	Acepromazine Injection	Sedative; preanaesthetic	Drug Product	NAT
3.	Acepromazine. Tablets	Sedative; preanaesthetic	Drug Product	NAT
4.	Adrenaline Tartrate	Sympathomimetic	Drug substance	NAT

5.	Albendazole Veterinary Oral Powder	Anthelmintic	Drug Product	UV
6.	Albendazole Oral Suspension	Anthelmintic	Drug product	HPLC
7.	Amitraz	Acaricide	Drug Substance	GC
8.	Amitraz Dip Concentrate Liquid	Acaricide	Drug Product	GC
9.	Amitraz Dip Concentrate Powder	Acaricide	Drug Product	GC
10.	Amitraz Pour-on	Acaricide	Drug Product	GC
11.	Amoxycillin Injection.	Antibiotic	Drug Product	HPLC
12.	Amoxycillin Oral Powder	Antibiotic	Drug Product	HPLC
13.	Amoxycillin Tablets/Boluses	Antibiotic	Drug Product	HPLC
14.	Ampicillin Sodium	Antibiotic	Drug Substance	HPLC
15.	Ampicillin Injection	Antibiotic	Drug Product	HPLC
16.	Ampicillin and Cloxacillin Intramammary Infusion, (Lactating Cow/Buffalo)	Antibiotic	Drug Product	UV
17.	Ampicillin and Cloxacillin Benzathine Intramammary Infusion (Dry Cow/Buffalo)	Antibiotic	Drug Product	UV
18.	Ampicillin Trihydrate	Antibiotic	Drug substance	HPLC
19.	Ampicillin Veterinary Oral Powder	Antibiotic	Drug Product	HPLC
20.	Amprolium Hydrochloride	Coccidiostat.	Drug substance	NAT
21.	Amprolium Oral Powder	Coccidiostat.	Drug Product	HPLC
22.	Amprolium Hydrochloride: and. Ethopabate Premix	Coccidiostat.	Drug Product	UV
23.	Amprolium, Ethopabate and Sulphaquinoxaline Premix	Coccidiostat.	Drug Product	UV
24.	Benzocaine	Local anesthetic (for gastric sedation and topical wound dressing).	Drug Substance	Acid base
25.	Benzyl Benzoate Application	Topical acaricide anti-parasitic (for treatment of scabies) and insecticide.	Drug Substance	Acid base
26.	Benzylpenicillin Potassium	Antibacterial	Drug Substance	HPLC
27.	Benzylpenicillin Sodium	Antibacterial.	Drug Substance	HPLC
28.	Benzylpenicillin Injection	Antibacterial.	Drug Product	HPLC
29.	Betamethasone Sodium Phosphate	Anti-inflammatory and autoimmune condition	Drug Substance	UV
30.	Betamethasone Injection	Anti-inflammatory and autoimmune condition	Drug Product	HPLC
31.	Buparvaquone	antiprotozoal	Drug substance	Potentiometry

32.	Buparvaquone Injection	antiprotozoal	Drug Product	HPLC
33.	Buserelin	Gonadotropin releasing hormone (gonadorelin) analogue; treatment of Prostate cancer	Drug substance	HPLC
34.	Buserelin Injection	Gonadotropin releasing hormone (gonadorelin) analogue; treatment of Prostate cancer	Drug Product	HPLC
35.	Calcium Borogluconate Injection:	Hypocalcaemic	Drug Product	Complexometry and Acid-base titration
36.	Calcium. Levulinate Injection	Gonadotropin releasing hormone (gonadorelin) analogue; treatment of Prostate cancer	Drug Product	Complexometry and Acid- base titration
37.	Calcium: Magnesium Borogluconate Injection.	Gonadotropin releasing hormone (gonadorelin) analogue; treatment of Prostate cancer	Drug Product	Complexometry and Acid- base titration
38.	Carprofen	Cyclo-oxygenase inhibitor; analgesic; anti-. inflammatory,	Drug substance	Potentiometric titration
39.	Cefoperazone Sodium Intramammary Suspension	Antibiotic	Drug product	HPLC
40.	Cefpodoxime Oral Suspension'	Antibiotic	Drug product	HPLC
41.	Cefpodoxime Tablets	Antibiotic	Drug product	HPLC
42.	Ceftizoxime Sodium	Antibacterial.	Drug substance	HPLC
43.	Ceftizoxime Injection	Antibacterial	Drug product	HPLC
44.	Ceftriaxone Injection	Antibacterial	Drug product	HPLC
45.	Cefuroxime Intramammary Infusion	Antibacterial	Drug product	UV
46.	Cephalexin Intrauterine Powder for Suspension	Antibiotic	Drug product	HPLC
47.	Cephalexin Veterinary Oral Powder	Antibiotic	Drug Product	HPLC
48.	Activated Charcoal	Adsorbent.	Drug substance	Acid-base
49.	Chloramphenicol	Antibacterial	Drug substance	UV
50.	Chloramphenicol Injection	Antibiotic	Drug product	UV
51.	Chloramphenicol Sodium Succinate	Antibiotic	Drug substance	UV
52.	Chlorpheniramine Injection	Acute allergic reactions	Drug product	UV
53.	Chlorpromazine Hydrochloride	Antiemetic	Drug substance	UV
54.	Chlorpromazine Injection	Antiemetic	Drug product	UV
55.	Chlortetracycline	Antibacterial	Drug substance	HPLC

	Hydrochloride			
56.	Chlortetracycline Veterinary Oral Powder	Antibacterial	Drug Product	HPLC
57.	Cholecalciferol	Vitamin D3	Drug substance	HPLC
58.	Chorionic Gonadotropin.	Gonadotrophic hormone	Drug substance	Biological assay
59.	Ciprofloxacin Injection	Antibiotic	Drug product	HPLC
60.	Ciprofloxacin Tablets/Boluses	Antibiotic	Drug product	HPLC
61.	Cloprostenol Sodium	Prostaglandin (PGF2 $\alpha$ ) analogue.	Drug substance	HPLC
62.	Cloprostenol Injection	Prostaglandin (PGF2 $\alpha$ ) analogue.	Drug product	HPLC
63.	Closantel Sodium Dihydrate	Anthelmintic.	Drug substance	Potentiometry
64.	Cloxacillin Benzathine.	Antibacterial.	Drug substance	Iodometry and NAT
65.	Cloxacillin Benzathine Intramammary Infusion (Dry Cow/ Buffalo)	Antibacterial.	Drug product	UV
66.	Cloxacillin Sodium	Antibacterial	Drug substance	HPLC
67.	Cloxacillin Injection	Antibacterial.	Drug product	HPLC
68.	Cloxacillin Sodium Intramammary Infusion (Lactating Cow/ Buffalo)	Antibacterial.	Drug product	HPLC
69.	Cyanocobalamin	Vitamin B12	Drug substance	HPLC
70.	Cyanocobalamin Injection	Vitamin B12	Drug product	HPLC
71.	Decoquinate	Antiprotozoal.	Drug substance	NAT
72.	Decoquinate Premix	Antiprotozoal.	Drug product	UV
73.	Deltamethrin	Insecticide	Drug substance	HPLC
74.	Deltamethrin Pour-on	Insecticide	Drug product	HPLC
75.	Dexamethasone Sodium Phosphate	Adrenocortical steroid (anti-inflammatory)	Drug substance	HPLC
76.	Dexamethasone Injection	Adrenocortical steroid (anti-inflammatory)	Drug product	HPLC
77.	Diazepam	Anticonvulsant and in the treatment of behavioural disorders.	Drug substance	NAT
78.	Diazepam Injection	Anticonvulsant and in the treatment of behavioural disorders	Drug product	UV
79.	Dichlofenthion	Insecticide	Drug substance	GC
80.	Dichlorophen	Anthelmintic and fungicide	Drug substance	Potentiometry
81.	Dichlorophen Veterinary Aerosol	Anthelmintic and fungicide	Drug product	UV
82.	Dichlorophen Tablets	Anthelmintic and fungicide	Drug product	UV
83.	Diclazuril	Antiprotozoal,	Drug substance	Potentiometry

		coccidiosis.		y
84.	Dicloxacillin Sodium	Antibacterial	Drug substance	HPLC
85.	Diethylcarbamazine Citrate	Anti-parasitic	Drug substance	HPLC
86.	Diethylcarbamazine Injection	Anti-parasitic	Drug product	HPLC
87.	Diethylcarbamazine Tablets	Anti-parasitic	Drug product	HPLC
88.	Dihydrostreptomycin Sulphate	Antibacterial	Drug substance	HPLC
89.	Dihydrostreptomycin Injection	Antibacterial	Drug product	Microbiological
90.	Dimetridazole	Antiprotozoal.	Drug substance	NAT
91.	Dimetridazole Premix	Antiprotozoal.	Drug product	NAT
92.	Dimetridazole Veterinary Oral Powder	Antiprotozoal.	Drug product	NAT
93.	Dinitolmide	Coccidiostal	Drug substance	Redox Titration
94.	Docetaxel Injection	Anticancer	Drug product	HPLC
95.	Enrofloxacin	Antibacterial	Drug substance	Potentiometry
96.	Enrofloxacin Injection	Antibacterial	Drug product	HPLC
97.	Ethopabate	Coccidiostat	Drug substance	HPLC
98.	Febantel	Anthelmintic	Drug substance	HPLC
99.	Fenbendazole Granules	Anthelmintic	Drug product	HPLC
100.	Fenbendazole Oral Paste	Anthelmintic	Drug product	HPLC
101.	Fenbendazole Oral Powder	Anthelmintic	Drug product	HPLC
102.	Fenbendazole Oral Suspension	Anthelmintic	Drug product	HPLC
103.	Ferrous Fumarate Boluses	Source of Iron	Drug product	Redox
104.	Flunixin Meglumine	Cyclo-oxygenase inhibitor, analgesic; anti- inflammatory	Drug substance	Potentiometry
105.	Frusemide Injection.	Diuretic	Drug product	UV
106.	Furazolidone	Antibacterial	Drug substance	UV
107.	Furazolidone Veterinary Oral. Suspension	Antibacterial	Drug product	UV
108.	Furazolidone Premix	Antibacterial	Drug product	UV
109.	Gentamicin Injection	antibacterial	Drug product	Microbiological
110.	Haloxon	anthelmintic	Drug substance	IR
111.	Inositol	Vasodilator	Drug substance	HPLC
112.	Iron Dextran Injection	Hematinic	Drug product	AAS
113.	Isoflupredone Acetate	Anti-inflammatory; immunosuppressive.	Drug substance	HPLC
114.	Isoflupredone Acetate Injectable Suspension	Ant inflammatory; immunosuppressive.	Drug product	HPLC
115.	Ivermectin	Anthelmintic.	Drug substance	HPLC
116.	Ivermectin Injection	Anthelmintic.	Drug product	HPLC
117.	Ivermectin Oral Paste	Anthelmintic.	Drug product	HPLC
118.	Ivermectin Pour-on	Anthelmintic.	Drug product	HPLC

119.	Light Kaolin.	Pharmaceutical aid	Drug substance	Complexometry
120.	Kaolin Veterinary Oral Suspension	Adsorbent	Drug product	Complexometry
121.	Levamisole Hydrochloride	Anthelmintic	Drug substance	Potentiometry
122.	Levamisole Injection	Anthelmintic	Drug product	HPLC
123.	Levamisole Hydrochloride Veterinary Oral Solution	Anthelmintic	Drug product	NAT
124.	Levofloxacin Hemihydrate	Antibacterial	Drug substance	Potentiometry
125.	Lignocaine Hydrochloride	Local anesthetic; antiarrhythmic	Drug substance	NAT
126.	Lignocaine Injection	Local anesthetic; antiarrhythmic	Drug product	NAT
127.	Lincomycin Hydrochloride	Antibacterial	Drug substance	HPLC
128.	Lincomycin Premix	Antibacterial	Drug product	HPLC
129.	Lithium Antimony Thiomaleate	Anthelmintic against trematodes.	Drug substance	Iodimetry titration and NAT
130.	Lithium Antimony Thiomaleate Injection	Anthelmintic against trematodes.	Drug product	Iodimetry
131.	Light Magnesium Carbonate	Constipation treatment	Drug substance	Acid-base
132.	Magnesium Hypophosphite	Supplement in deficiency conditions; nerve tonic.	Drug substance	Complexometry
133.	Magnesium Sulphate	Epsom salt	Drug substance	Complexometry
134.	Marbofloxacin	Fluoroquinolone antibacterial.	Drug substance	Potentiometry
135.	Marbofloxacin Injection	Fluoroquinolone antibacterial.	Drug product	HPLC
136.	Meclofenamic Acid	Anti-inflammatory; analgesic; antipyretic.	Drug substance	Acid-base
137.	Meloxicam Injection	NSAID	Drug product	HPLC
138.	Mepyramine Maleate	Histamine H1 receptor antagonist.	Drug substance	Potentiometry
139.	Mepyramine Injection	Histamine H1 receptor antagonist.	Drug product	UV
140.	Methylephedrine Injection	Contraction of uterus	Drug product	UV
141.	Methylprednisolone Acetate	Adrenocortical steroid	Drug substance	UV
142.	Methylprednisolone Acetate Injection	Adrenocortical steroid	Drug product	HPLC
143.	Monosulfiram	Insecticide	Drug substance	Kjeldahl method
144.	Monosulfiram, Soap	Insecticide	Drug product	GC

145.	Monosulfiram Solution	Insecticide	Drug product	GC
146.	Morphine Sulphate	Narcotic analgesic	Drug substance	Potentiometry
147.	Morphine Injection	Narcotic analgesic	Drug product	HPLC
148.	Moxidectin	Anthelmintic; ectoparasiticide	Drug substance	HPLC
149.	Moxidectin Injection	Anthelmintic; ectoparasiticide	Drug product	HPLC
150.	Nandrolone Laurate	Anabolic steroid; androgen	Drug substance	UV
151.	Nandrolone Laurate Injection	Anabolic steroid; androgen	Drug product	UV
152.	Neomycin Sulphate	Antibacterial	Drug substance	Microbiological
153.	Niclosamide	Anthelmintic	Drug substance	Potentiometry
154.	Niclosamide Veterinary Oral Powder	Anthelmintic	Drug product	Potentiometry
155.	Nitroxynil	Anthelmintic.	Drug substance	Iodometry
156.	Nitroxynil Injection	Anthelmintic.	Drug product	UV
157.	Oestradiol Benzoate	Oestrogen	Drug substance	UV
158.	Oestradiol Injection	Oestrogen	Drug product	HPLC
159.	Ornidazole	Antiamoebic	Drug substance	Potentiometry
160.	Oxfendazole	Anthelmintic	Drug substance	Iodometric
161.	Oxfendazole Veterinary Oral Suspension	Anthelmintic	Drug product	UV
162.	Oxyclozanide	Anthelmintic.	Drug substance	Potentiometry
163.	Oxyclozanide Veterinary Oral   Suspension	Anthelmintic	Drug product	UV
164.	Oxyclozanide Premix	Anthelmintic	Drug product	UV
165.	Oxytetracycline Injection	Antibacterial	Drug product	HPLC
166.	Oxytetracycline Hydrochloride	Antibacterial	Drug substance	HPLC
167.	Oxytetracycline Hydrochloride Injection	Antibacterial	Drug product	HPLC
168.	Oxytetracycline Veterinary Oral, Powder	Antibacterial	Drug product	HPLC
169.	Paclitaxel Injection	Anti-cancer	Drug product	HPLC
170.	Pentobarbitone Sodium	Sedative; anticonvulsant	Drug substance	Potentiometry
171.	Pentobarbitone Injection	Sedative; anticonvulsant	Drug product	HPLC
172.	Fortified Procaine Penicillin Injection	Anti-biotic	Drug product	HPLC
173.	Progesterone	Progestogen.	Drug substance	UV
175.	Progesterone Injection.	Progestogen.	Drug product	UV
176.	Promazine Hydrochloride	Sedative	Drug substance	Potentiometry



177.	Promazine Injection	Sedative	Drug product	UV
178.	Promethazine Hydrochloride	Antiemetic	Drug substance	Potentiometry
179.	Promethazine Injection	Antiemetic	Drug product	UV
180.	Pyridoxine Hydrochloride	Vitamin B6	Drug substance	HPLC
181.	Rafoxanide	Anthelmintic	Drug substance	Acid-base
182.	Rafoxanide Veterinary Oral Suspension	Anthelmintic	Drug product	UV
183.	Ronidazole	Antiprotozoal.	Drug substance	Potentiometry
184.	Ronidazole Veterinary Oral Powder.	Antiprotozoal.	Drug product	UV
185.	Serum Gonadotrophin for Veterinary Use	Gonadotrophic hormone.	Drug substance	Biological assay
186.	Serum Gonadotrophin Injection for Veterinary Use	Gonadotrophic hormone	Drug product	Biological assay
187.	Sodium Acid Phosphate Injection	Treat hypophosphatemia	Drug product	Potentiometry
188.	Monobasic Sodium Phosphate	Pharmaceutical aid	Drug substance	Acid-base
189.	Sodium Thiosulphate	Antibacterial.	Drug substance	GC
190.	Spectinomycin Injection	Antibiotic	Drug product	GC
191.	Spiramycin	Antibacterial	Drug substance	Microbiological
192.	Streptomycin Sulphate	Antitubercular	Drug substance	Microbiological
193.	Sulphadiazine	Antibacterial	Drug substance	Diazotization
194.	Sulphadiazine and Trimethoprim Injection.	Antibacterial	Drug product	UV
195.	Sulphadiazine and Trimethoprim Veterinary Oral Powder	Antibacterial	Drug product	UV
196.	Sulphadiazine and Trimethoprim Veterinary Oral Suspension	Antibacterial	Drug product	UV
197.	Sulphadiazine and Trimethoprim Tablets/Boluses	Antibacterial	Drug product	UV
198.	Sulphadimidine	Sulphonamide antibacterial	Drug substance	Electrometric method
199.	Sulphadimidine Sodium	Sulphonamide antibacterial	Drug substance	Diazotization
200.	Sulphadimidine Injection	Sulphonamide antibacterial	Drug product	Electrometric method
201.	Sulphadimidine Boluses	Sulphonamide antibacterial	Drug product	Electrometric method
202.	Sulphamethoxazole and	Sulphonamide	Drug product	Diazotization



	Trimethoprim Boluses	antibacterial		on
203.	Sulphaquinoxaline	Antibacterial	Drug substance	Diazotization
204.	Sulphaquinoxaline Sodium Solution	Antibacterial	Drug product	Diazotization
205.	Sulphathiazole.Sodium	Antibacterial	Drug substance	Diazotization
206.	Testosterone Propionate	Androgen; anabolic steroid	Drug substance	UV
207.	Testosterone Propionate Injection	Androgen; anabolic steroid	Drug product	UV
208.	Thiabendazole	Anthelmintic	Drug substance	Potentiometry
209.	Thiabendazole Veterinary Oral Suspension	Anthelmintic	Drug product	UV
210.	Thiabendazole and Rafoxanide Veterinary.Oral Suspension	Anthelmintic	Drug product	UV
211.	Thiabendazole Premix	Anthelmintic	Drug product	UV
212.	Tinidazole Tablets	Antiprotozoal.	Drug product	NAT
213.	Tocopheryl Acetate	Antioxidant	Drug substance	HPLC
214.	Triamcinolone Acetonide Injection	Anti-inflammatory and immunosuppressant	Drug product	HPLC
215.	Triflupromazine Hydrochloride Injection	Treat behavioral disorder	Drug product	HPLC
216.	Trimethoprim	Antibacterial	Drug substance	Potentiometry
217.	Trimethoprim: and Sulphamethoxazole Injection	Antibacterial	Drug product	UV and diazotization
218.	Tylosin	Antibacterial	Drug substance	Microbiological
219.	Tylosin Injection	Antibacterial	Drug product	Microbiological
220.	Tylosin Tablets	Antibacterial	Drug product	Microbiological
221.	Tylosin Tartrate	Antibacterial	Drug substance	Microbiological
222.	Tylosin Tartrate and Sulphathiazole Sodium Veterinary Oral Powder	Antibacterial	Drug product	Microbiological and Potentiometry
223.	Xylazine Hydrochloride	Analgesic.	Drug substance	Potentiometry
224.	Zinc Oxide Cream	Treat superficial wounds and soothing effect	Drug product	Complexometry

<b>VETERINARY SURGICAL MONOGRAPHS</b>	
<b>S.No</b>	<b>Name Of the Drug</b>
1.	Sterile Braided Silk Suture in Distributor
2.	Sterile Catgut in Distributor.
3.	Sterile Linen Thread in Distributor
4.	Sterile Non-absorbable Strands inDistributor
5.	Sterile Poly (Ethylene Terephthalate) Suture in Distributor
6.	Sterile Polyamide 6 Suture in Distributor
7.	Sterile Polyamide 6/6 Suture, in Distributor

<b>VETERINARY IMMUNOSERA MONOGRAPHS</b>	
<b>S.No</b>	<b>Name Of the Drug</b>
1.	Clostridium Novyi Alpha Antitoxin
2.	Clostridium Perfringens Antitoxins
3.	Clostridium Perfringens Beta Antitoxin
4.	Clostridium Perfringens Epsilon Antitoxin
5.	Clostridium: Tetani Antitoxin

<b>VETERINARY DIAGNOSTIC MONOGRAPHS</b>	
<b>S.No</b>	<b>Name Of The Drug</b>
1.	Avian Mycoplasma Antigen
2.	Avian Tuberculin Purified Protein Derivative (PPD)
3.	Brucella Abortus Milk Ring Test Antigen, Hematoxylin Stained
4.	Brucella Abortus Milk Ring Test Antigen, Tetrazolium-Stained
5.	Brucella Abortus Plain Antigen
6.	Brucella Abortus: Rose Bengal Plate _ Test Antigen (Strain: 99)
7.	Brucella Abortus Working Standard Serum
8.	Johnin Purified Protein Derivative
9.	Mallein Purified Protein Derivative
10.	Purified Protein Derivative (PPD), Bovine Tuberculin
11.	Salmonella Abortus Equi H Antigen
12.	Salmonella Pullorum Colored Antigen
13.	Salmonella Pullorum Plain Antigen
14.	Salmonella Pullorum Positive Serum

**CORRELATION OF MONOGRAPHS ON VETERINARY DRUG SUBSTANCES,  
DOSAGE FORM,  
PHARMACEUTICAL AIDS AND BIOLOGICS IN I.P-2022**

S.No	Alphabet	Number of Monographs	% Contribution
1.	A	23	10.31%
2.	B	11	4.93%
3.	C	36	16.14%
4.	D	24	10.76%
5.	E	3	1.34%
6.	F	11	4.93%
7.	G	1	0.44%
8.	H	1	0.44%
9.	I	8	3.58%
10.	K	2	0.89%
11.	L	11	4.93%
12.	M	18	8.07%
13.	N	7	3.13%
14.	O	12	5.38%
15.	P	11	4.93%
16.	R	4	1.79%
17.	S	21	9.41%
18.	T	17	7.62%
19.	X	1	0.44%
20.	Z	1	0.44%
		TOTAL=224	100%

**MONOGRAPHS ON VETERINARY DRUG SUBSTANCES, DOSAGE FORM,  
PHARMACEUTICAL AIDS AND BIOLOGICS IN I.P-2022**

S.No	Assay Method	Number of Monographs	% Contribution
1.	NAT	14	6.27%
2.	UV	47	21.07%
3.	HPLC	82	36.77%

4.	GC	9	4.03%
5.	ACID-BASE	7	3.13%
6.	POTENTIOMETRY	24	10.76%
7.	COMPLEXOMETRIC	8	3.58%
8.	BIOLOGICAL ASSAY	3	1.34%
9.	IODOMETRY	3	1.34%
10.	MICROBIOLOGICAL ASSAY	10	4.48%
11.	REDOX	2	0.89%
12.	IR	1	0.44%
13.	AAS	1	0.44%
14.	IODIMETRY	2	0.89%
15.	KJELDAHL	1	0.44%
16.	DIAZOTIZATION	6	2.69%
17.	ELECTROMETRIC METHOD	3	1.34%
		TOTAL=224	100%

<b>MONOGRAPHS ON VETERINARY DRUG SUBSTANCES, DOSAGE FORM, PHARMACEUTICAL AIDS AND BIOLOGICS IN I.P-2022</b>			
<b>S.No</b>	<b>Nature</b>	<b>Number of Monographs</b>	<b>% Contribution</b>
1.	DRUG SUBSTANCE	98	43.49%
2.	DRUG PRODUCT	126	56.51%
		TOTAL=224	100%

## CONCLUSION

The digitalization of library resources by the Government of India highlights a growing need for well-organized and accessible Pharmacopoeial archives. Despite the availability of physical volumes, earlier editions of the Pharmacopoeia remain scattered and inadequately compiled, limiting their potential value to researchers and professionals. This project provides a distinctive and systematic compilation of the Indian Pharmacopoeia 2022, focusing on the number and types of monographs, assay methods, pharmaceutical categories, and therapeutic uses. By organizing and presenting this information in a clear and consolidated manner, the work contributes to improved accessibility, supports academic and regulatory reference needs, and reinforces the importance of preserving Pharmacopoeial knowledge in digital form. Ultimately, this compilation serves as a meaningful step toward bridging archival gaps and strengthening the foundation for future research and policy development in the field of pharmaceuticals.

The present compilation provides a structured overview of the Indian Pharmacopoeia (IP) 2022, highlighting the breadth and diversity of its 3,042 monographs. Of these, 2,326 monographs fall within the alphabetical section (A–Z), representing a comprehensive range of pharmaceutical substances<sup>1</sup>. The inclusion of varied categories—such as Vitamins, Minerals, Amino Acids, and Fatty Acids; Phytopharmaceuticals; Herbal Drugs and Extracts; Vaccines and Immunosera; Blood and Blood-derived Products; Biotechnological Products; Radiopharmaceutical Preparations<sup>2</sup>; and Veterinary-related monographs—underscores the multidisciplinary scope of IP 2022. The compilation of Monographs and percentage contribution based on Veterinary Drug substances, Dosage forms and pharmaceutical aids indicates that this category comprises of 224 Monographs. Among this, HPLC accounts for 37% of the analytical methods, Potentiometry contributes 25% while 21% utilize UV Spectrophotometry.

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