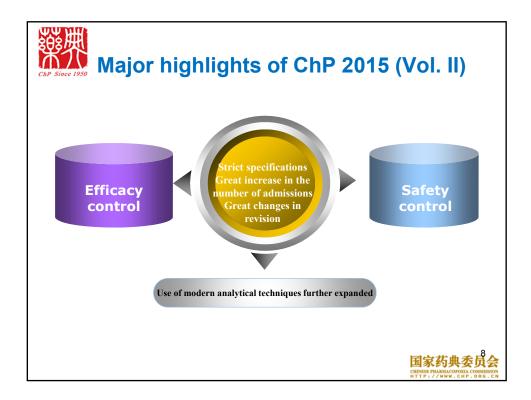




Comparison in chemical of				
Editions	APIs	DPs	Total	The proportion of APIs
USP 34	1315	2303	3618	36.3%
BP 2014	1870	1816	3686	50.7%
JP 16	852	489	1341	63.5%
ChP 2015 Chemicals Drugs	933	1670	2603	35.8%
		1		国家药典委员 СШЕХЕ РИАМАСОРЕД СОМЕК НТТР://ИНМ.СИГ. ОКС.



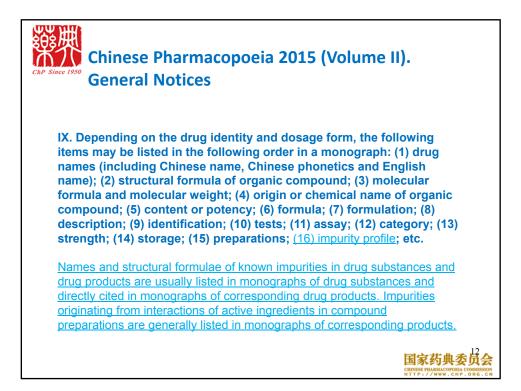
鄂州
ChP Since 1950

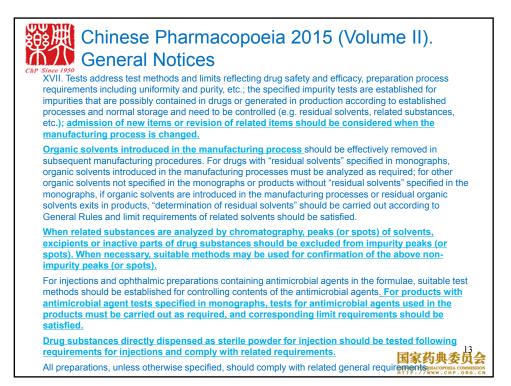
Summary of admissions in the latest three editions of Chinese Pharmacopoeia (Volume II)

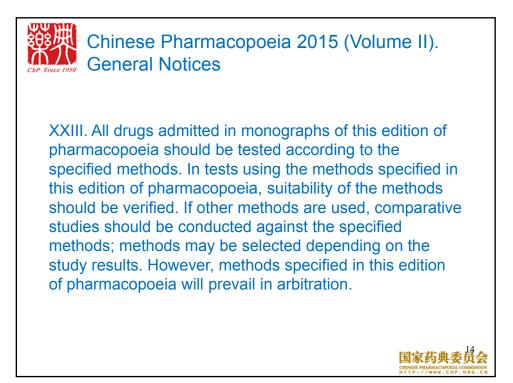
Version	Admissions	New admissions	Revisions	Exclusions from previous edition	
2005 edition	1967	327	522	2	
2010 edition	2139	330	1500	29	
2015 edition	2603	492	415	28	

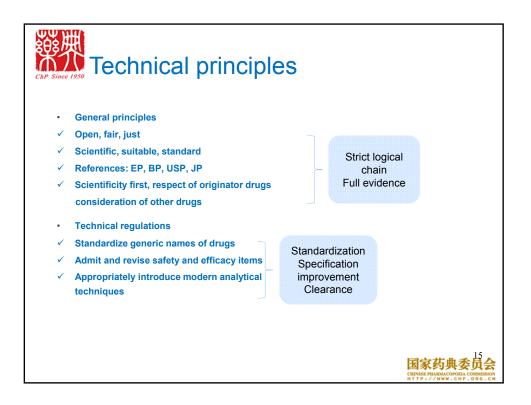
Since	but not in		hP2015 (Volum	ne	11)
No.	Drug Name	No.	Drug Name	No.	Drug Name
1	Buflomedil hydrochloride	11	Cortisone Acetate Eye Ointment	21	Azithromycin DispersibleTablets
2	Buflomedil Hydrochloride Tablets	12	Adenosine Disodium Triphosphate Injection	22	Roxithromycin Dispersible Tablets
3	Buflomedil Hydrochloride Injection	13	Adenosine Disodium Triphosphate for Injection	23	Potassium Dehydroandrograpolide Succinate
4	Buflomedil Hydrochloride Capsules	14	Calcium Gluconate and Sodium Chloride Injection	24	Potassium Dehydroandrograpolide Succinate for Injection
5	Buflomedil Hydrochloride for Injection	15	Carboplatin for Injection	25	Ligustrazine Phosphate Injection
6	Almitrine Bismesylate and Raubasine Tablets	16	Pefloxacin Mesylate for Injection	26	Ligustrazine Phosphate and Sodium Chloride Injection
7	Ketoconazole Tablets	17	Calcium Folinate for Injection	27	Sodium Cromoglicate Aerosol
8	Ketoconazole Capsules	18	Pamidronate Disodium for Injection	28	Isoprenaline Hydrochloride Aerosol
9	Analgin	19	Ciprofloxacin Lactate and Sodium Chloride Injection		
10	Analgin Tablets	20	Rifampicin for Eye Use		

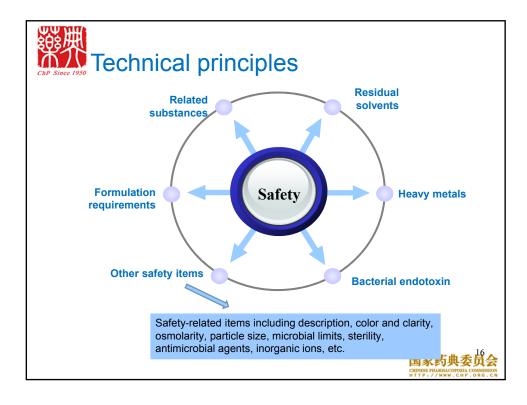


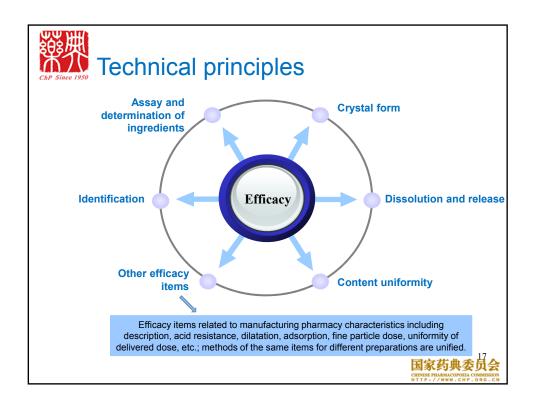


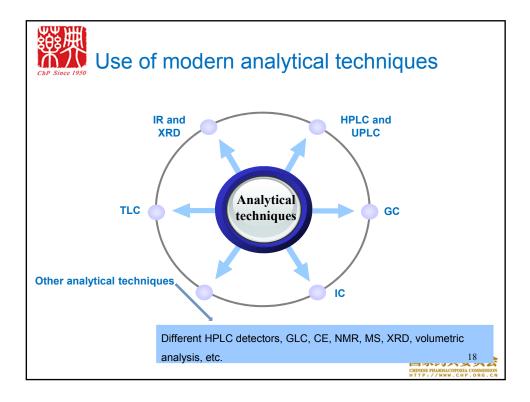


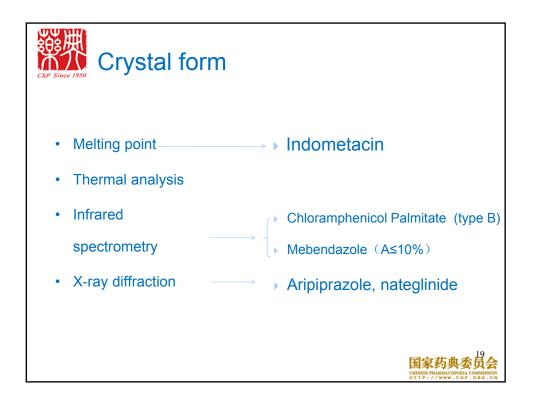




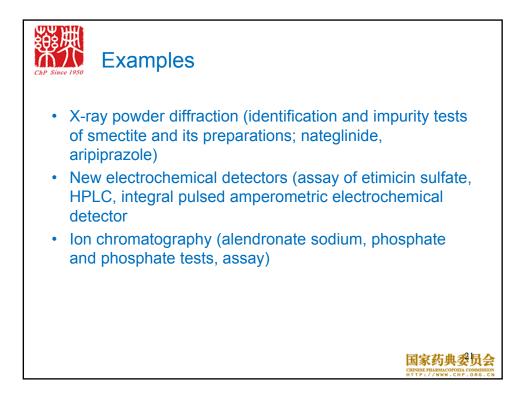


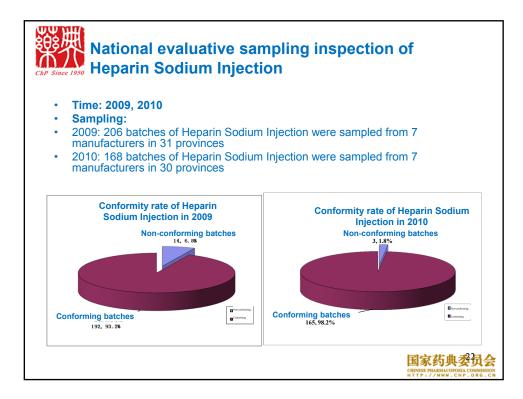




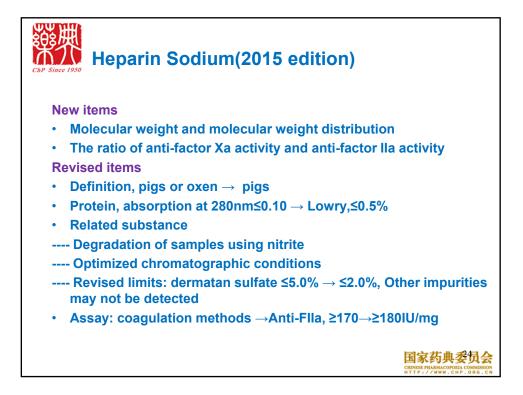


e 1950	pharmacopoeias of four cour	illie5			
No.	Drug Name	USP	BP	JP	ChF
1	Carbamazepine	XRD	IR		
2	Amifostine	XRD			
3	Erythromycin ethylsuccinate	XRD			
4	Orbifloxacin	XRD			
5	Pantoprazole sodium		IR		
6	Lofepramine hydrochloride		IR		
7	Phenylpropanolamine hydrochloride, norephedrine hydrochloride		IR		
8	Indometacin	XRD	IR		
9	Mebendazole				IR
10	Chloramphenicol Palmitate				IR
11	Chloramphenicol Palmitate Oral Suspension				IR
12	Chloramphenicol Palmitate Tablets				
13	Chloramphenicol Palmitate Granules				

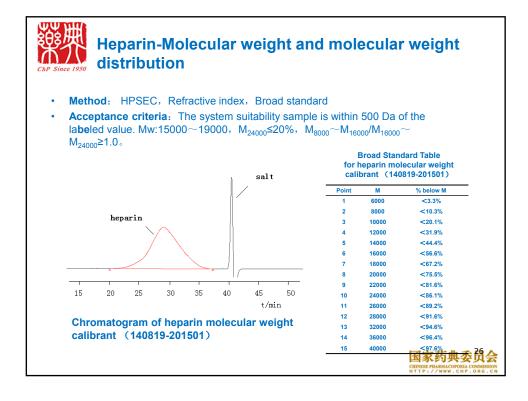


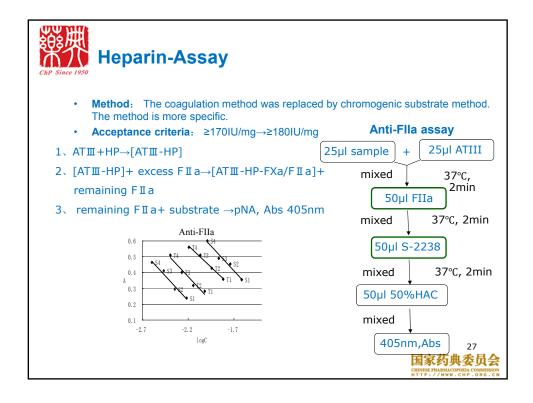


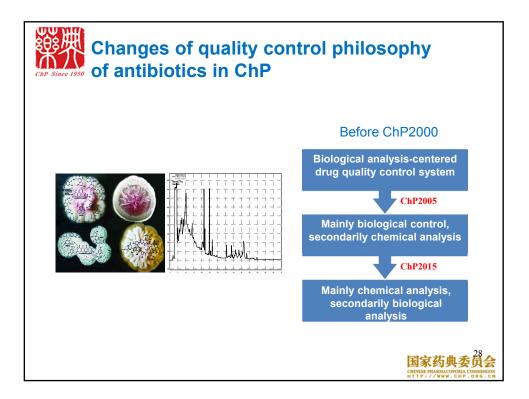


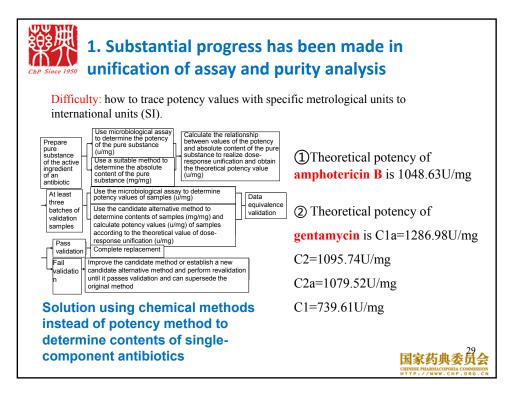


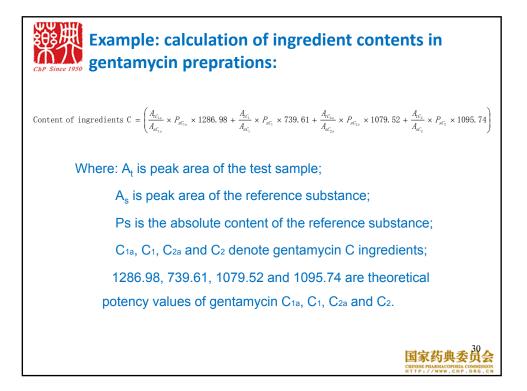
Item	CHP2015	EP8.3		
Identification	Intestinal mucosae of pigs	Intestinal mucosae of pigs		
Specific optical rotation	≥+50°	1		
Identification 2. the principal peak in the chromatogram obtained with test solution is similar with the reference solution 3. sodium 3. sodium		 Complies with the repuirments described under assay anti-FXa/anti-FIIa: 0.9~1.1 NMR the principal peak in the chromatogram obtained with test solution is similar with the reference solution sodium 		
Nucleotidic impurities	absorption at 260nm≤0.10	absorption at 260nm≤0.15		
Protein	Lowry, ≤0.5%	Lowry, ≤0.5%		
Related substance	DS≤2.0%, Others may not detected	DS≤2.0%, Others may not detected		
Residual solvents	MeOH≤0.3%,EtOH≤0.5%,Acetone≤0.5%	/		
Sodium	10.5%~13.5%	10.5%~13.5%		
Molecular weight and molecular weight distribution	$\frac{Mw:15000}{M_{8000}} \sim \frac{19000}{M_{24000}}$, $\frac{M_{24000}{\leq}20\%}{M_{8000}}$, $M_{24000}{\leq}1.0$,	/		
Assay	Anti-FIIa,≥180IU/mg	Anti-FIIa, ≥180IU/mg		









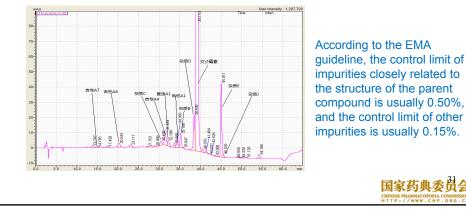




2. Separate control of active ingredients and impurities in multi-component antibiotics to ensure product stability

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Example: For josasmycin (a multi-component antibiotic with kitasamycin A3 as the major ingredient), it is specified that the total content of ingredients A (kitasamycin A1, A3, A4, A6 and A7 and midecamycin A1) is not less than 90.0%; the content of kitasamycin A3 is not less than 87%; the content of other related substances is not more than 8%.



3. With advantages of manufacturers brought into full play, specifications of part antibiotics manufactured by fermentation have significantly improved. ce 1950 Example: revision of the specification of erythromycin: 0.0 0.06 0.04 Э 0.03 .00 30.00 分钟 10 00 20.00 40'00 60 00 50 00 HPLC system can separate more impurities in current EP and **USP** ; Limit of erythromycin: $\ge 88.0\% \rightarrow \ge 93.0\%$ Limit of erythromycin B and C: $\leq 5.0\% \rightarrow \leq 3.0\%$ 6 specified impurities (A, B, C, D, E and F) are specified 国家药典委员会

