

2.1. Active ingredients

The following table gives an overview about the active ingredients investigated, their use, quality, number of batches and spectra as well as the serial numbers of the spectrometers used.

Active Ingredients						
Substance / Property	Group	Quality	CAS-No.	Batches	Spectra	Instr. Serial No.
Acetyl Salicylic Acid	Analgesics	Certificates: BP93/USP23/ DAB X	50-78-2	5	68	1022 1141 1381
Amitriptyline	Psychochemicals	Approved EP/USP23	549-18-8	4	36	1104 1197 1378
Bromazepam	Tranquillizers	Approved EP	1812-30-2	3	27	1104 1197 1378
Clonazepam	Antiepileptics	Approved EP/USP23	1622-61-3	7	63	1104 1197 1378
Diazepam	Tranquillizers	Approved EP/USP23	439-14-5	9	81	1104 1197 1378
Diclofenac Sodium	Antirheumatics	Certificates: BP93/EP/ DAB X	15307-79-6	6	90	1022 1141 1381
Doxycycline	Antibiotics	Certificates: BP93	24390-14-5	7	65	1022 1141 1381
Erythromycin	Antibiotics	Certificates: BP93/USP23	643-22-1	5	45	1022 1141 1381
Flunitrazepam	Tranquillizers	Approved EP	16622-62-4	3	27	1104 1197 1378
Flurazepam	Tranquillizers	Approved EP	17617-23-1	9	80	1104 1197 1378
Midazolam Maleinate Salt	Narcotics	Approved EP	59467-94-6	7	63	1104 1197 1378
Nitrazepam	Tranquillizers	Approved EP	146-22-5	8	69	1104 1197 1378
Nystatin	Antimycotics	Certificates: USP23/EP	1400-61-9	5	74	1022 1141 1381
Paracetamol	Analgesics	Certificates: BP93/USP23/ EP	103-90-2	7	104	1022 1141 1381
Thyrothricin	Antibiotics	Approved EP		7	63	1104 1197 1378
Total 15				92	955	

2.2. Auxiliary Substances

The following table gives an overview about the auxiliary substances investigated, their quality, number of batches and spectra as well as the serial numbers of the spectrometers used.

Auxiliary Substances					
Substance / Property	Classes	Quality	Batches	Spectra	Instr. Serial No.
Ascorbic acid		Certificates: EP 97	6	36	1141 1408
Aspartam		Approved	14	42	1353
Benzoic acid	crystalles and crystalline powder	Certificates: EP 97	5	30	1141 1408
Carboxymethyl starch sodium	Type A	Certificates: EP 97	6	36	1141 1408
Cellulose	Microcrystalline: 50, 90 and 200	Approved EP 97	20	150	1353
Citric acid, anhydrous	crystalles and powder	Certificates: EP 97	17	102	1141 1408
Citric acid monohydrate	crystalles	Certificates: DAB 96	8	48	1141 1408
Corn starch	white	Approved EP 97	18	67	1353
Dodecylsulphate sodium	powder	Certificates: EP 97	5	30	1141 1408
Ethylcellulose	49/7 cp; 49/10 cp; 49/20 cp	Approved	13	39	1353
Gelatine	Bloom 30	Approved	10	30	1353
Glucose anhydrous	crystalline powder	Certificates: EP 97	5	30	1141 1408
Glucose monohydrate	crystalline powder	Certificates: EP 97	5	30	1141 1408
Glycine	crystalline powder	Certificates: EP 97	5	30	1141 1408
Hydroxypropyl- cellulose	LF	Approved EP 97	8	24	1353
Hydroxypropyl- methylcellulose	K100M; E4M	Approved EP 97	9	33	1353
Lactose D20		Approved	5	34	1353
Lactose G200		Approved	4	23	1353
L – Methionine		Certificates: DAB 10 USP 23	4	24	1141 1408
Mannitol		Approved EP 97	12	36	1353
Niacin		Certificates: USP 23	15	90	1141 1408
Niacinamide		Certificates: USP 23	15	90	1141 1408
Polyvidon 25-30		Approved EP 97	14	51	1353
Polyvidon 90F		Approved EP 97	9	30	1353
Polyvidon CL		Approved EP 97	10	37	1353
Polyvidon CL-M		Approved EP 97	2	6	1353
Polyvidon VA64		Approved EP 97	9	30	1353

Auxiliary Substances (cont.)					
Substance / Property	Classes	Quality	Batches	Spectra	Instr. Serial No.
Potato starch	cold swelling	Approved	6	18	1353
Saccharin-Sodium		Approved EP 97	10	30	1353
Saccharose		Approved EP 97 Certificates: EP 97	15	62	1353 1141 1408
Salicylic acid	fine powder	Certificates: EP 97	5	30	1141 1408
Sodium acetate anhydrous	granular powder	Approved	3	18	1141 1408
Sodium acetate trihydrate	crystals	Certificates: EP 97	5	30	1141 1408
Sodium-Alginate		Approved EP 97	6	18	1353
Sodium benzoate	fine – grained powder	Certificates: EP 97	5	30	1141 1408
Sodium citrate		Certificates: EP 97	10	60	1141 1408
Sorbit	granular	Approved	9	27	1353
Stearic acid	powder	Certificates: DAC 89 Ph.Helv.7 or 8	7	42	1141 1408
Tabletose		Approved	11	52	1352
	crystalline powder	Certificates: EP 97	5	30	1141 1408
Talc		Approved	6	32	1353
Tartaric acid	fine crystals	Certificates: DAB 96 EP 97	10	60	1141 1408
Urea	crystalline powder	Certificates: EP 97	5	30	1141 1408
Total 42			371	1777	

2.3. Liquids

The following table gives an overview about the liquids investigated, there quality, number of batches and spectra as well as the serial numbers of the spectrometers used.

Liquids				
Substance / Property	Quality	Batches	Spectra	Instr. Serial No.
Acetone	Certificates: EP 97 USP 23	10	90	1141 1408
Chloroform	Certificates: DAB 9	10	90	1141 1408
Diethyl ether	Certificates: EP 97 DAB 96	10	90	1141 1408
Ethyl acetate	Certificates: EP 97 USP 23 (NF 18) DAB 96	10	90	1141 1408
Gasoline	Certificates: DAB 96 u. 97	10	90	1141 1408
Glycerol 85%	Certificates: EP 97 DAB 96	15	120	1141 1408
Glycerol 99.5%	Certificates: EP 97 DAB 96	10	90	1141 1408
Isopropyl alcohol	Certificates: EP 97 USP 23 (NF 18) DAB 96	10	90	1141 1408
Methanol	Certificates: DAB 96 u. 97	6	56	1141 1408
Methylisobutylic ketone	Certificates: USP 23 (NF 18)	6	56	1141 1408
1,2-Propanediol (n-Propylene Glycol)	Certificates: USP 23 EP 97	15	120	1141 1408
n-Propyl alcohol	Certificates: DAC86 1.Erg.89	5	45	1141 1408
Total 12		117	1027	