



Impurities

#	Chemical Name	CAS Number	API
1	5,7-Diiodo-8-hydroxyquinoline	83-73-8	Halquinol
2	5,7-Dichloro-8-quinolinol	773-76-2	
3	5-Chloroquinolin-8-ol	130-16-5	
4	N-Nitrosomethylmethylaniline (NMA)	62-75-9	Nitrosoamine impurities
5	N-Nitrosoethylmethylaniline (NMEA)	55-18-5	
6	N-Nitrosomethylphenylaniline (NMPPhA)	614-00-6	
7	N-Nitrosodipropylamine (NDPA)	621-64-7	
8	N-Nitrosodibutylamine (NDBA)	924-16-3	
9	N-Nitrosodiisopropylamine (NDIPA)	601-77-4	
10	N-Nitrosoethylmethylaniline (NMEA)	10595-95-6	
11	N-Methylnitrosopiperazine (MeNPip)	16339-07-4	
12	N-Nitrosomethylphenylaniline (NMPPhA)	100-61-8	
13	N-Nitrosodibenzylamine (NDBenzA)	5336-53-8	



14	N-Nitroso-N-methyl-4-aminobutyric acid	61445-55-4		
15	N-Nitroso-Ethylisopropylamine	16339-04-1		
16	N-Nitroso-Dipropylamine	621-64-7		
17	N-Nitroso-Ethylpropylamine	25413-61-0		
18	N-Nitrosopiperidine	100-75-4		
19	1-Nitrosopyrrolidine	930-55-2		
20	N-Nitrosomorpholine	59-89-2		
21	Nitrosodiethanolamine	1116-54-7		
22	N-Nitroso-1,2,3,6-tetrahydropyridine	55556-92-8		
23	Phenethylamine, N-methyl-N-nitroso-	13256-11-6		
24	N-Nitroso-N-ethylaniline	612-64-6		
25	Rivaroxaban Impurity C (USP)	24065-33-6		Rivaroxaban impurities
26	Rivaroxaban Impurity D (USP)	365267-35-1		
27	Rivaroxaban Impurity E (USP)	446292-08-6		
28	Rivaroxaban Impurity F (USP)	550-44-7		
29	Rivaroxaban Impurity G (USP)	446292-08-6		
30	Rivaroxaban Impurity H (USP)	1770812-37-7		
31	Rivaroxaban Impurity I (USP)	1151893-81-0		
32	Rivaroxaban Impurity J (USP)	1632463-24-1		
33	N-Nitroso Rivaroxaban Open-Ring Acid Impurity	NA		
34	Rivaroxaban Open-Ring Acid Impurity	931204-39-6; 931117-61-2		



35	Rivaroxaban N-Nitroso Amide Impurity	NA	
36	Rivaroxaban Amide Impurity	721401-53-1	
37	(R)-N-Glycidylphthalimide	181140-34-1	
38	Dydrogesterone - Impurity A	23035-53-2	Dydrogesterone
39	Dydrogesterone - Impurity B	1162-56-7	
40	Dydrogesterone - Impurity C	246038-13-1	
41	Febuxostat impurity B	1239233-87-4	
42	Febuxostat polymorph-A	144060-53-7	
43	Febuxostat polymorph-G		
44	Allopurinol Impurity E	31055-19-3	
45	Apixaban (15gm.)	503612-47-3	
46	Apixaban open chain acid	2206825-87-6	
47	Bemotrizinol	187393-00-6	
48	Monoethylhexylbemotrizinol	633308-76-6	
49	Bemotrizinol benzophenone analog	2549-90-8	
50	Bemotrizinol dianisole analog	562813-88-1	
51	Bemotrizinol triethylhexyl analog	600127-05-7	
52	Bemotrizinol triethylhexyl isomer	345658-37-9	
53	Deoxybemotrizinol triethylhexyl isomer	345658-37-9	
54	Cis-3,3,5-Trimethylcyclohexanol	933-48-2	
55	trans-3,3,5-Trimethylcyclohexanol	767-54-4	
56	3,3,5-Trimethylcyclohexyl 2-methoxybenzoate	2776619-32-8	



57	Homosalate	118-56-9	
58	Vonoprazan Fumarate	881681-01-2	
59	Vonoprazan Carbaldehyde Impurity	881674-56-2	
60	Cefadroxil	50370-12-2	
61	Ceftaroline fosamil monohydrate monoacetate	400827-55-6	
62	(s)-2-(4-Aminobenzamido)Pentane dioic acid	4271-30-1	
63	2,4-Dichlorobenzaldehyde	874-42-0	
64	Coenzme Q10	303-98-0	
65	Fradiomycin Sulfate	1405-10-3	
66	(s)-3-(methylamino)-1-(2-thienyl)-1-propanol	116539-55-0	
67	Eudragit		
68	Lamivudine	134678-17-4	
69	Methyl trifluoromethanesulfonate	333-27-7	
70	Beclometasone Dipropionate	5534-09-8	
71	Norethisterone Acetate	51-98-9	
72	Calcium folinate	1492-18-8	
73	2-chloroadenosine	146-77-0	
74	2,3,4,6,7,8-Hexahydropyrrole[1,2-a]Pyrimidine	3001-72-7	
75	Sodium Piperacillin	59703-84-3	
76	(4S,4R)-3-(tert-Butoxy carbonyl)-2-(4-methoxy phenyl)-4-phenyloxazolidiene	196404-55-4	



77	1,3-Bis(4-methoxyphenyl)-1,3-propanedione	18362-51-1	
78	1,3-CAS NoBis(4-tert-butylphenyl)-1,3-propanedione	71228-00-7	
79	Methyl 4-tert-Butylbenzoate	26537-19-9	
80	4'-tert-Butylacetophenone	943-27-1	
81	7-Hydroxy naphthalene-1,3,6-trisulfonic acid	6259-66-1	
82	Torasemide EP Impurity B	72811-73-5	Torsamide
83	Torasemide EP Impurity A	72810-61-8	
84	Hydrochlorothiazide	58-93-5	API Standards
85	Chlorhexidine	55-56-1	
86	Lactulose	4618-18-2	
87	Mannitol	87-78-5	
88	Raffinose	17629-30-0	
89	Doxycycline hydrochloride	10592-13-9	
90	Desonide API	638-94-8	
91	Cefdinir API A-8	91832-40-5	
92	CPDP	541-02-6	
93	Cefbodoxime Acide (cpda)	80210-62-4	
94	Ceftazidime pentahydrate for inJ B2-6	78439-06-2	
95	Ceftriaxone-sodium	104376-79-6	
96	Ranitidine hydrochloride	66357-59-3	
97	N-6 impurity of regadenoson	313348-35-5	



98	Clobetasol propionate IP	25122-46-7
99	Stearic acid micronized USP-NF/PH.EUR	57-11-4
100	Nifedipne IP/BP/USP	21829-25-4
101	Triprolidine HCL USP API	6138-79-0
102	Ornidazole IP	16773-42-5
103	linagliptin	668270-12-0
104	Cetpodoxime prox (CPDP)	87239-81-4
105	lumefantrine	82186-77-4
106	N-methyl-1-(methylthio)-2-nitroetha namine	61832-41-5
107	5-cyanoindole	15861-24-2
108	Atropine	51-55-8
109	lunasidone hydrochloride IH	367514-88-3
110	Ketorolac tromethamine USP	74103-07-4
111	Cefaperazone sodium	62893-20-3
112	Miconazole nitrate	22832-87-7
113	Misaprostol	59122-46-2
114	Iacosamide EP	175481-36-4
115	Colchicine	64-86-8
116	7-AMCA	24701-69-7
117	G-APA	551-16-6
118	Methylcobalamine IP	13422-55-4
119	Ethyl 4- chloroacetoactate	638-07-3
120	Azathromycin	76801-85-9



121	Euerolimew API-2	112809-51-5
122	Apremilast	608141-41-9
123	7-ACT intermediate of ceftriaxone	131257-07-3
124	Diltiazem HCL USP	33286-22-5
125	Tofacitinib citrate IH	540737-29-9
126	Tacrolimus IP	104987-11-3
127	Triamicolone acetonide	76-25-5
128	Mycophenolate mofetil	128794-94-5
129	Ibuprofen	15687-27-1
130	Menaquinone USP	2124-57-4
131	Cefeime trihydrate API	125110-14-7
132	thiamine HCL	67-03-8
133	Triamcinolone acetonide IP	76-25-5
134	nifedipine IP/BP/USP	212829-25-4
135	Acetyl ester for cefinir	127770-93-8
136	Artemether	71963-77-4
137	Axetil CF2 fuxoxime	64544-07-6
138	Rocyronium	119302-91-9
139	Ascomycin	104987-12-4
140	Zonisamide	68291-97-4
141	Cyanomethyl formate	150760-95-5
142	Triameinolone acetonide IP	76-25-5
143	Naloxone HCL USP	465-65-6
144	Nitazoxanide	55981-09-4



145	Sitagliptin	486460-32-6
146	Secnidazole API	3366-95-8
147	lubrinectedin	497871-47-3
148	Ehata	64485-82-1
149	linomycin HCL	859-18-7
150	Clindamycin HCL USP	58207-19-5
151	Clarithromycin USP	81103-11-9
152	Quetiapen fumarate IP	111974-72-2
153	Cyclosporine USP	59865-13-3
154	Cefepime hydrochloride	123171-59-5
155	Aceclofenac IP	89796-99-6
156	Amoxicillin trihydrate IP/BP	61336-70-7
157	Depagliflozin propanediol monohydrate	960404-48-2
158	Diclofenac sodium-BP	15307-79-6
159	Tembotrione	335104-84-2
160	Dclefampeidine	504-24-5
161	Tembotrione API	335104-84-2
162	Metformin hydrochloride USP	1115-70-4
163	Hydrazino-2-methylpropanoic acid	22574-05-6
164	Iminostlebene	256-96-2
165	Iminostlebene	256-96-2
166	Tazobactam	89786-04-9
167	Cefixime	79350-37-1



168	Mycophenolate	128794-94-5
169	Vancomycin hydrochloride lyophilized	1404-93-9
170	Vilatodone HCL	163521-08-2
171	Vancomycin HCL	1404-93-9
172	Maltodextrin USP/NF	9050-36-6
173	Erythromycin API	114-07-8
174	Vortioxetine hydrobromide	960203-27-4
175	Secnidazole working standard	3366-95-8
176	Hexamidine diisetonate	659-40-5
177	Prednisone	53-03-2
178	Eudragit	25086-15-1
179	Cefpsozil USP	92665-29-7
180	Mirabegron API	223673-61-8
181	Rocyrorionium bromide	119802-91-9
182	Sirolimus API	53123-88-9
183	Salipha androsta-2-en-17-one	963-75-7
184	Acyclovir	c8h11n5o3
185	Ritalinic methylester	113-45-1
186	Aminocaprioc acid	60-32-2
187	Amphotericin B	1397-89-3
188	Tazarotene API	118292-40-3
189	Formatidine API	76824-35-6
190	Cynocobal amine B12	68-19-9



191	Colchine API	64-86-8
192	Vigabatrin	60643-86-9
193	Mifepristone	84371-65-3
194	linagliptin API	668270-12-0
195	Bamouterol hydrochloride	81732-46-9
196	10-Deacetyl baccatin	32981-86-5
197	Cyanocobal amine B12	68-19-9
198	Bilastine (form-I) IH	202189-78-4
199	lincomycin HCL	859-18-7
200	Posaconate API	171228-49-2
201	levofloxa	100986-85-4
202	Cefatamet pivoxil	65243-33-6
203	Methlyergonooine	113-42-8
204	lidocaine	137-58-6
205	Cephalexin monohydrate	23325-78-2
206	Indobyfen	63610-08-2
207	Cephalexin API	15686-71-2
208	Vancomycin hcl stezite USP	1404-93-9
209	B-colohicine	7583-39-9
210	Vigabytin API	60643-86-9
211	Ivemectin IP	70288-86-7
212	Valsartah	137862-53-4
213	Rabiprazol sodium	117976-90-6
214	Nepafenac	78281-72-8



215	CORTISOL (hydrocortisone)	50-23-7	APIs and Amino acids
216	CORTISONE	53-06-5	
217	Testosterone	58-22-0	
218	Androstenedione	63-05-8	
219	17 β Hydroxyprogesterone	68-96-2	
220	Progesterone	57.83.0	
221	Retinol (all-trans retinol, vitamin A)	68-26-8	
222	α -Tocopherol (or a tocophero for some forms)I	10191-41-0/59-02-9	
223	Pyridoxal-5 phosphate (PLP)	54-47-7	
224	Flavin mononucleotide (FMN)	130-40-5	
225	Methylmalonic acid	516-05-2	
226	L- Tryptophan	73-22-3	
227	L-Phenylalanine	63-91-2	
228	L-Tyrosine	60-18-4	
229	L-Methionine	63-68-3	
230	L-Arginine	74-79-3	
231	L-Citrulline	372-75-8	
232	L-Ornithine	70-26-8	
233	Glycine	56-40-6	
234	L-Threonine	72-19-5	
235	Taurine (2-aminoethanesulfonic acid)	107-35-7	
236	L-Leucine	61-90-5	
237	L-Isoleucine	73-32-5	



238	L-Valine	72-18-4
239	L-Lysine	56-87-1
240	L-Histidine	71-00-1
241	L-Carnitine (free carnitine)	541-15-1
242	Acety-L-carnitine	5080-50-2
243	Choline chloride (or choline as base)	67-48-1
244	Betaine (trimethylglycine)	107-43-7
245	1-5-Anhydroglucitol (1,5-AG)	154-58-5
246	ADMA (Asymmetric Dimethylarginine)	30315-93-6
247	SDMA (Symmetric Dimethylarginine)	30344-00-4
248	Total Homocystein (tHcy)	454-29-5
249	Ceramide (d18:1/C18:0)	2304-81-6
250	Hippuric Acid	495-69-2
251	Kynurenine	2922-83-0
252	L-Serine	56-45-1
253	Ceramide (d18:1/C24:1)	54164-50-0
254	TDP (Thiamine diphosphate)	154-87-0
255	Isovaleryl-L-carnitine	31023-24-2
256	Palmitoyl-L-carnitine	2364-67-2
257	Oleoyl-L-carnitine	38677-66-6
258	17B-Estradiol	50-28-2
259	25-Hydroxyvitamin	21343-40-8
260	Flavin Adenine Dinucleotide	146-14-5
261	Lathosterol	80-99-9



262	Campesterol	474-62-4
263	B-Sitosterol	83-46-5
264	L-Cystathionine	56-88-2
265	L-Arginine	74-79-3
266	Pregnenolone	145-13-1
267	11-Deoxycortisol	152-58-9
268	Corticosterone	50-22-6
269	L-Glutamine	56-85-9
270	27-Hydroxycholesterol	20380-11-4
271	Propionylcarnitine	17298-37-2 10
272	Butyrylcarnitine	25576-40-3
273	Desamosterol	313-04-2
274	Aldosterone	52-39-1
275	3,4-Dihydroxyphenylacetic Acid(Homovanillic acid)	102-32-9
276	5-Hydroxyindoleacetic	54-16-0
277	Adrenaline	51-43-4
278	Noradrenaline	51-41-2
279	Serotonin	50-67-9
280	Lisinopril	83915-83-7
281	Losartan	114798-26-4
282	Telmisartan	144701-48-4
283	Amlodipine	88150-42-9
284	Hydrochlorothiazide	58-93-5



285	Chlorthalidone	77-36-1	
286	7 Methyl dopa	41372-08-1	
287	Gliclazide	21187-98-4	
288	Sitagliptin	486460-32-6	
289	Vildagliptin	274901-16-5	
290	Empagliflozin	864070-44-0	
291	Dapagliflozin	461432-26-8	
292	Rosuvastatin	287714-41-4	
293	Glimepiride	93479-97-1	
294	Glibenclamide	10238-21-8	
295	Febuxostat n propyl	1530308-87-2	Febuxostat
296	Febuxostat Amide Impurity	1239233-86-3	
297	Febuxostat n -butyl isomer	1657014-33-9	
298	Febuxostat Sec Br	1315202-59-9	
299	3-Des cyano febuxostat	1206550-99-3	
300	Febuxostat Impurity isobutyl ester		
301	Febuxostat Ethyl ester	160844-75-7	
302	Febuxostat Methyl ester	923942-34-1	
303	Febuxostat impurity B	1239233-87-4	
304	Lactulose EP Impurity F	136272-61-2	
305	Bempeidic Acid Dimer	NA	
306	Dabrafenib Diamino Impurity	2017554-98-0	
307	1-(2-chloro-4-hydroxyphenyl)-3-(5-methylisoxazol-3-yl)urea	NA	Tivozanib



308	4-amino-3-chlorophenyl (5-methylisoxazol-3-yl)carbamate	NA	
309	1-(2-chloro-4-((6,7-dimethoxy-1-(11-oxid aneyl)-114-quinolin-4-yl)oxy)phenyl) -3-(5-methylisoxazol-3-yl)urea	NA	
310	Aminocaprioc acid	60-32-2	
311	Cyclosporine USP	59865-13-3	
312	Rufinamide	166196-11-8	
313	Teri-meta isomer	63927-51-5	
314	Roflumilast-N-oxide	292135-78-5	
315	Ortho isomer teriflunomide	220512-86-7	
316	Teriflunomide API	163451-81-8	
317	Linagliptin	668270-12-0	
318	Triamcinolone	76-25-5	
319	Steric acid micronized USP	57-11-4	
320	Secnidazole	3366-95-8	
321	Vigabatrin	68506-86-5	
322	Levofloxacin	100986-85-4	
323	Hexamidine diisethionate	659-40-5	
324	Posaconazole	171228-49-2	
325	Ritalinic methylester	23655-65-4	
326	10-Deacetylbaaccatin III	32981-86-5	

