

# Impurity Standard Catalog

Catalog No.	Impurity Name	Product Name	CAS No.
VL17001	Acebutolol related Compound A	Acebutolol Hydrochloride	N/A
VL284001	Aceclofenac impurity F	Aceclofenac	100499-89-6
VL11002	Acetazolamide Impurity E	Acetazolamide	827026-60-8
VL11003	Acetazolamide Impurity A	Acetazolamide	60320-32-3
VL287001	Acetylsalicylic Acid Impurity D	Acetylsalicylic Anhydride	N/A
VL12001	Acitretin Related Compound B	Acitretin	N/A
VL13002	7-Acyclovir Impurity	Acyclovir	N/A
VL13003	Di-Acetyl Acyclovir Impurity	Acyclovir	N/A
VL259001	Alfuzosin Hydrochloride	Alfuzosin	81403-68-1
VL16001	Allopurinol Related Compound B	Allopurinol	N/A
VL16002	Allopurinol Related Compound D	Allopurinol	N/A
VL255001	Allyl Impurity	Allyl Impurity	N/A
VL255003	Allyl Amine	Allyl Impurity	107-11-9
VL255002	2-chloro allyl Impurity	Allyl Impurity	N/A
VL264001	Almotriptan Impurity A	Almotriptan	N/A
VL264002	Almotriptan Impurity B	Almotriptan	N/A
VL264003	Almotriptan Impurity C	Almotriptan	N/A
VL219001	Ambroxol Impurity A	Ambroxol	50739-76-9
VL219002	Ambroxol Impurity B	Ambroxol	N/A
VL219003	Ambroxol Impurity C	Ambroxol	50910-53-7
VL219004	Ambroxol Impurity D	Ambroxol	107814-37-9
VL219005	Ambroxol Impurity E	Ambroxol	50910-55-9
VL20001	4-Amino phenol	Amino phenol	N/A
VL19004	Amlodipine Related Compound B	Amlodipine	721958-72-1
VL19005	Amlodipine Related Compound A	Amlodipine	88150-62-3
VL19006	Amlodipine Related Compound F	Amlodipine	289042-12-2
VL19007	Amlodipine Related Compound H	Amlodipine	318465-73-5
VL19008	Amlodipine Related Compound D	Amlodipine	1216406-90-4
VL19001	Amlodipine Related Compound E	Amlodipine	140171-65-9 ;
VL15001	Amoxicillin Related Compound A	Amoxicillin	N/A
VL190010	Amlodipine Besilate Impurity G (EP)	Amlodipine	N/A
VL15002	Amoxicillin Related Compound B	Amoxicillin	N/A
VL15003	Amoxicillin Related Compound C	Amoxicillin	N/A

Catalog No.	Impurity Name	Product Name	CAS No.
VL15004	Amoxicillin Related Compound I	Amoxicillin	N/A
VL246001	ANAMICA(O-FLUORO NITROBENZENE)	ANAMICA	N/A
VL21001	Anastrozole	Anastrozole	N/A
VL197002	N,N-bis(2-bromoethyl)amine HCl	Aripiprazole Dimer	821-48-7
VL197004	7-(4-chlorobutoxy)quinolin-2(1H)-one	Aripiprazole Dimer	120004-79-7
VL197003	2,7-Dihydroxy quinoline	Aripiprazole Dimer	86-95-3
VL197001	Aripiprazole Dimer (Aripiprazole 4,4'-Dimer)	Aripiprazole Dimer	N/A
VL258001	Ascorbic Acid	Ascorbic acid	N/A
VL380001	Asenapine N-Oxide Impurity	Asenapine	N/A
VL380002	N-Desmethyl Asenapine	Asenapine	N/A
VL280001	Aspartame impurity B (L-aspartyl-L-phenylalanine)	Aspartame	N/A
VL10010	Atorvastatin Cyclo FP Impurity	Atorvastatin	N/A
VL10015	Atorvastatin Impurity F/ Diamino Impurity	Atorvastatin	N/A
VL10005	Atorvastatin Related compound B/(3S,5R isomer)	Atorvastatin	887196-25-0
VL10003	Atorvastatin Related compound D/ Epoxide Impurity	Atorvastatin	148146-51-4
VL10008	Oxo Atorvastatin Impurity	Atorvastatin	N/A
VL10013	Atorvastatin Methyl Ester	Atorvastatin	345891-62-5
VL197005	Atorvastatin -3-O-Methyl (Atorvastatin Impurity G)	Atorvastatin	887324-53-0
VL197006	Atorvastatin Lactone / Atorvastatin Related Compound H	Atorvastatin	N/A
VL197007	Atorvastatin Related Compound I/ Acetonide Impurity	Atorvastatin	N/A
VL197008	Atorvastatin tert-Butyl Ester	Atorvastatin	134395-00-9
VL1970010	Desfluoro Atorvastatin (Atorvastatin Related Compound A)	Atorvastatin	433289-83-9
VL1970012	Atorvastatin Related compound C/ Difluoro Impurity	Atorvastatin	693793-53-2
VL1970011	Atorvastatin Related Compound C/ Difluoro Impurity	Atorvastatin	N/A
VL10020	Atorvastatin related Compound E/ Atorvastatin Isomer Impurity/3S 5S isomer	Atorvastatin	1105067-88-6
VL10021	Atorvastatin related Compound E/ Atorvastatin Isomer Impurity/3S 5S isomer	Atorvastatin	N/A
VL23001	Azacitidine Related Compound A	Azacitidine	N/A
VL23002	Azacitidine impurity	Azacitidine	N/A
VL252001	Azilsartan K Medoxomil Impurity-1 (ARA-3)	Azilsartan	N/A
VL252002	Azilsartan K Medoxomil Impurity-6 (Des-Ethyl Impurity)	Azilsartan	N/A

Catalog No.	Impurity Name	Product Name	CAS No.
VL252004	Azilsartan K Medoxomil Impurity-7 (2-EHA Impurity)	Azilsartan	N/A
VL252005	Azilsartan K Medoxomil Impurity-5 (Bis Impurity)	Azilsartan	N/A
VL252006	Azilsartan K Medoxomil Impurity-4	Azilsartan	N/A
VL252007	Azilsartan K Medoxomil Impurity-3 (Methyl Ester)	Azilsartan	N/A
VL252008	Azilsartan K Medoxomil Impurity-2 (Ethyl Ester)	Azilsartan	N/A
VL252003	Azilsartan K Medoxomil Impurity-8 (Diacetyl Impurity)	Azilsartan	N/A
VL186001	Azithromycin Impurity L	Azithromycin	90503-06-3
VL186002	Azithromycin Impurity J	Azithromycin	117693-41-1
VL186003	Azithromycin Impurity I	Azithromycin	172617-84-4
VL186004	Azithromycin Impurity F	Azithromycin	612069-28-0
VL186008	Azithromycin Impurity B	Azithromycin	307974-61-4
VL186005	Azithromycin Impurity M	Azithromycin	N/A
VL186006	Azithromycin Impurity N	Azithromycin	N/A
VL186007	Azithromycin Impurity E	Azithromycin	612069-27-9
VL228001	Benzene Sulfonic Acid	Benzene Sulfonic Acid	N/A
VL229001	Benzothiadiazine Related Compound A	Benzothiadiazine	N/A
VL275001	Beta-naphthol	Beta-naphthol	N/A
VL178001	Betahistine Impurity C	Betahistine	N/A
VL276001	Betahistine Impurity C (n-methyl-bis[beta-(2-pyridyl)ethyl]amine trihydrochloride)	Betahistine	N/A
VL191002	Bisoprolol Impurity-A	Bisoprolol	N/A
VL28001	Bosentan dimer impurity	Bosentan dimer	N/A
VL29001	Bosentan related compound E	Bosentan Monohydrate	N/A
VL207001	Brinzolamide Impurity B	Brinzolamide	N/A
VL274001	Bromfenac Sodium impurity- D	Bromfenac	N/A
VL274003	Bromfenac Sodium impurity- B	Bromfenac	N/A
VL274004	Bromfenac Sodium impurity- A	Bromfenac	N/A
VL274002	Bromfenac Sodium Impurity - C	Bromfenac	N/A
VL24001	Bromhexine Impurity A	Bromhexine	50739-76-9
VL24002	Bromhexine Impurity B	Bromhexine	50910-55-9
VL24003	Bromhexine Impurity E	Bromhexine	N/A
VL24004	Bromhexine Impurity D	Bromhexine	132004-28-5
VL253001	Bumetanide Impurity 5	Bumetanide	N/A
VL253002	Bumetanide Impurity 3	Bumetanide	N/A

Catalog No.	Impurity Name	Product Name	CAS No.
VL253003	Bumetanide Impurity 4	Bumetanide	N/A
VL253004	Bumetanide Amino Analogue (Bumetanide Impurity 6)	Bumetanide	N/A
VL253005	Bumetanide EHA Analogue (Bumetanide Impurity – HX)	Bumetanide	N/A
VL25006	4-chloro Bupropion(USP API)	Bupropion	N/A
VL25007	5-chloro Bupropion(USP API)	Bupropion	N/A
VL25005	Bromochloro-propionophenone (USP API)	Bupropion	N/A
VL25011	Bupropion Amine (USP ER tablet)	Bupropion	N/A
VL25002	Bupropion Dione Darivative (USP API)	Bupropion	N/A
VL25004	Chloropropionophenone (USP API)	Bupropion	N/A
VL25010	Erythrohydroxy Bupropion	Bupropion	N/A
VL25003	o-Bupropion (USP API)	Bupropion	N/A
VL25008	R,S,S-Thiomorpholine derivative (USP ER tablet)	Bupropion	N/A
VL25009	S,S,S-Thiomorpholine derivative (USP ER tablet)	Bupropion	N/A
VL25012	Threohydroxy Bupropion	Bupropion	N/A
VL25001	Deschloro Bupropion (USP API)	Bupropion	N/A
VL25013	2-Amino-1-(3-chlorophenyl)-1-propanone HCl	Bupropion	N/A
VL249001	Bupirone Impurity E	Bupirone	N/A
VL249002	Bupirone Impurity K	Bupirone	1075-89-4
VL25008	Bupirone HCl Impurity J	Bupirone	N/A
V26001	Butyric Acid	Butyric Acid	N/A
VL167001	EP Impurity D	Caffeine	N/A
VL168001	EP Impurity C	Calcium Levofolinate pentahydr	N/A
VL290003	Candesartan Impurity 7 (Des-alkoxy ethyl ester analogue)	Candesartan	N/A
VL290002	Candesartan Impurity 6 (1-Ethyltetrazol-5-yl-candensartan cilexetil)	Candesartan	N/A
VL290001	Candesartan Impurity 5 (Des-alkoxy methyl ester analogue)	Candesartan	N/A
VL243001	Capecitabine Related Compound A	Capecitabine	N/A
VL243002	Capecitabine Related Compound B	Capecitabine	N/A
VL243003	Capecitabine Related Compound C	Capecitabine	N/A
VL210001	Carbamazepinedione	Carbamazepinedione	N/A
VL169001	EP Impurity A	Carbaryl	N/A
VL170001	EP Impurity C	Carbasalate Calcium	N/A
VL171001	EP Impurity A	Carbimazole	N/A
VL172001	EP Impurity B	Carboplatin	N/A

Catalog No.	Impurity Name	Product Name	CAS No.
VL34001	Carprofen Related Compound A	Carprofen	N/A
VL35001	Carvedilol Related Compound E	Carvedilol	N/A
VL35002	Carvedilol Related Compound D	Carvedilol	N/A
VL35003	Chloroquine Related Compound A	Carvedilol	N/A
VL160001	EP Impurity A	Cefadroxil Monohydrate	N/A
VL160002	EP Impurity G	Cefadroxil Monohydrate	N/A
VL33001	Cefdinir	Cefdinir	N/A
VL32002	Cefixime Impurity A	Cefixime	N/A
VL163001	Cefuroxime Axetil	Cefuroxime	N/A
VL30001	Celecoxib isomeric impurity	Celecoxib	N/A
VL251001	Cephalexin Impurity J	Cephalexin	N/A
VL251002	Cephalexin Impurity K	Cephalexin	N/A
VL251003	Cephalexin Phenyl Glycin Impurity	Cephalexin	N/A
VL251004	Cephalexin Impurity D	Cephalexin	N/A
VL251005	Cephalexin Impurity C	Cephalexin	N/A
VL3300011	Cetirizine 4-chlorobenzhydrol Impurity	Cetirizine	N/A
VL3300012	Cetirizine 4-chlorobenzophenone Impurity	Cetirizine	N/A
VL330007	Cetirizine Impurity A/ Chlorobenzhydryl piperazine (CBHP)	Cetirizine	303-26-4
VL3300010	Cetirizine Impurity B (Cetirizine acetic acid)	Cetirizine	N/A
VL3300013	Cetirizine Impurity C	Cetirizine	N/A
VL330008	Cetirizine Impurity D	Cetirizine	N/A
VL330009	Cetirizine Impurity E	Cetirizine	N/A
VL330005	Cetirizine Impurity F	Cetirizine	N/A
VL3300014	Cetirizine Impurity G (Cetirizine ethanol)	Cetirizine	N/A
VL3300015	Cetirizine Methacathinone	Cetirizine	N/A
VL330002	Cetirizine N-oxide	Cetirizine	N/A
VL161001	4-Chloro acetanilide	Chloro acetanilide	N/A
VL231001	Cinacalcet-N-Oxide	Cinacalcet-N-Oxide	N/A
VL195001	Cinnarizine Impurity A	Cinnarizine	N/A
VL195002	Cinnarizine Impurity E	Cinnarizine	N/A
VL204003	Ciprofloxacin Impurity-E	Ciprofloxacin	105394-83-0
VL204001	Ciprofloxacin impurity F	Ciprofloxacin	N/A
VL257001	Citric Acid	citric acid	N/A
VL281001	2,6-dichloroaniline Impurity	Clonidine	608-31-1
VL281006	Clonidine impurity B	Clonidine	N/A

Catalog No.	Impurity Name	Product Name	CAS No.
VL281006	Clonidine impurity B	Clonidine	N/A
VL281002	N-(2,6-dichlorophenyl)formamide	Clonidine	10113-35-6
VL281003	N-(2,6-dichlorophenyl)acetamide/2,6-Dichloroacetanilide	Clonidine	N/A
VL281005	2,6 dichlorophenyl carbonimidic dichloride	Clonidine	17700-54-8
VL162001	EP Impurity C	Clopidogrel	N/A
VL31001	Clopidogrel Related Compound B	Clopidogrel	144750-52-7
VL31003	Clopidogrel Related Compound A	Clopidogrel	144750-42-5
VL31004	Clopidogrel Related Compound C	Clopidogrel	120202-71-3
VL164001	Clotrimazole related compound A	Clotrimazole	66774-02-5
VL187001	Bromoquat (Colsevelam Impurity 1)	Colsevelam	32765-81-4
VL187002	Decylamine HCl (Colsevelam Impurity 5)	Colsevelam	143-09-9
VL187003	Didecylamine HCL (Colsevelam Impurity 6)	Colsevelam	2486-84-2
VL187004	Aziobis (Colsevelam Impurity 7)	Colsevelam	2997-92-4
VL187005	Aminoquat (Colsevelam Impurity 2)	Colsevelam	33968-67-1
VL187006	Decylaminoquat (Colsevelam Impurity 3)	Colsevelam	N/A
VL187007	Aminodihexylquat (Colsevelam Impurity 4)	Colsevelam	N/A
VL166001	Cyclobenzaprine Impurity	Cyclobenzaprine hydrochloride	N/A
VL245001	Cyclohexanone	Cyclohexanone	N/A
VL165001	Cyclophosphamide Impurity A	Cyclophosphamide	821-48-7
VL165002	Cyclophosphamide Impurity B	Cyclophosphamide	158401-52-6
VL218002	Cyclosporine B	Cyclosporine	63775-95-1
VL218003	Cyclosporine C	Cyclosporine	59787-61-0
VL218004	Cyclosporine D	Cyclosporine	63775-96-2
VL218006	Cyclosporine Impurity H	Cyclosporine	83602-39-5
VL218007	Cyclosporine Dihydro Impurity	Cyclosporine	59865-15-5
VL42001	Dantrolene Related compound C	Dacarbazine	N/A
VL42002	EP Impurity B	Dacarbazine	N/A
VL42003	Dacarbazine Related compound A	Dacarbazine	N/A
VL43001	Darifenacin Amide Impurity	Darifenacin	N/A
VL260001	Dealkyl Propafenone/N-Despropyl propafenone	Dealkyl Propafenone	N/A
VL45001	EP Impurity A	Dequalinium chloride	N/A
VL44001	EP Impurity C	Desflurane	N/A
VL41001	Desloratadine N-Formyl Impurity	Desloratadine	N/A
VL46001	Desloratadine	Desloratadine	N/A

Catalog No.	Impurity Name	Product Name	CAS No.
VL46002	N-oxide Impurity	Desloratadine	N/A
VL46003	Deschloro Desloratadine	Desloratadine	N/A
VL273001	17- Oxo Dexamethasone	Dexamethasone	N/A
VL200001	Dextromethorphan Impurity-D	Dextromethorphan	N/A
VL200002	Dextromethorphan Impurity A	Dextromethorphan	N/A
VL158001	Diacerein impurity G	Diacerein	N/A
VL158002	Diacerein Impurity F	Diacerein	13928-72-8
VL158003	Diacerein Monoacetyl rhein - I / Diacerein Impurity D / Hydrolysis-1	Diacerein	N/A
VL158004	Diacerein Monoacetyl rhein-II / Diacerein Impurity E / Hydrolysis-2	Diacerein	N/A
VL158006	Diacerein Impurity B (Aloe-emodin)	Diacerein	481-72-1
VL158007	Diacerein Impurity H (triacetyl aloe emodin)	Diacerein	N/A
VL158008	Diacerein Impurity C (Rhein)	Diacerein	478-43-3
VL48005	Diclofenac Impurity F	Diclofenac	N/A
VL48006	Isopropyl ester of Diclofenac	Diclofenac	N/A
VL48003	Diclofenac Impurity A	Diclofenac	N/A
VL48004	Diclofenac Related Compound	Diclofenac	N/A
VL230001	Diethyldithiocarbamate Impurity	Diethyldithiocarbamate	N/A
VL177001	Diphenhydramine Impurity A	Diphenhydramine	53499-40-4
VL177002	Diphenhydramine Impurity D	Diphenhydramine	N/A
VL177003	Diphenhydramine Impurity E	Diphenhydramine	N/A
VL177004	Diphenhydramine N oxide Impurity	Diphenhydramine	3922-74-5.
VL177005	Diphenhydramine Impurity B	Diphenhydramine	N/A
VL177006	Diphenhydramine Impurity C	Diphenhydramine	N/A
VL47003	Dipyridamole Impurity -D	Dipyridamole	N/A
VL47004	Dipyridamole Impurity G	Dipyridamole	1913545
VL47001	Dipyridamole Impurity -A	Dipyridamole	16982-40-4
VL47005	Dipyridamole Impurity -B	Dipyridamole	16908-47-7
VL47008	Dipyridamole Impurity F	Dipyridamole	N/A
VL47006	Dipyridamole Impurity -C	Dipyridamole	54093-92-4
VL47007	Dipyridamole Impurity -E	Dipyridamole	N/A
VL157001	EP Impurity A	Disodium Edetate	N/A
VL155001	EP Impurity A	Dithranol	N/A
VL155002	EP Impurity B	Dithranol	N/A
VL156001	EP Impurity A	Dobutamine Hydrochloride	N/A

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VL156002	EP Impurity B	Dobutamine Hydrochloride	N/A
VL49001	EP Impurity C (7-epi-docetaxel)	Docetaxel Trihydrate	N/A
VL49002	EP Impurity C(10-dehydroxy-10-oxodocetaxel)	Docetaxel Trihydrate	N/A
VL49003	EP Impurity D (10-dehydroxy-10-oxo-7epi-docetaxel)	Docetaxel Trihydrate	N/A
VL173003	Donepezil Open Ring Impurity	Donepezil	N/A
VL173005	Hydroxy Donepezil Impurity	Donepezil	N/A
VL36001	Dorepenem Impurity	Dorepenem monohydrate	N/A
VL37001	Dorzolamide Impurity B	Dorzolamide	120279-37-0
VL37002	Dorzolamide Impurity D	Dorzolamide	122028-16-4
VL159001	Doxycycline related compound-C (4-epidoxycycline)	Doxycycline	N/A
VL39001	Doxylamine impurity-C	Doxylamine	N/A
VL38001	Doxylamine Succinate Impurity-B	Doxylamine	N/A
VL38002	Doxylamine Succinate Impurity-D	Doxylamine	N/A
VL37003	Doxylamine Succinate Impurity A	Doxylamine	N/A
VL202001	Duloxetine Impurity- A	Duloxetine	N/A
VL202002	Duloxetine EP Impurity B	Duloxetine	N/A
VL225001	Dutasteride Beta Isomer	Dutasteride	N/A
VL225002	Dutasteride Acid Impurity	Dutasteride	N/A
VL225003	Dutasteride Dihydro Impurity	Dutasteride	N/A
VL225004	Dutasteride Ester Impurity	Dutasteride	164656-22-8
VL52001	EP Impurity A	Ebastine	N/A
VL53001	Ecamsule Related Compound A	Ecamsule	N/A
VL53002	Ecamsule Related Compound B	Ecamsule	N/A
VL53003	Ecamsule Related Compound C	Ecamsule	N/A
VL51001	EP Impurity A	Edetic acid	N/A
VL54001	Emtricitabine Hydroxy Impurity	Emtricitabine	N/A
VL54003	Emtricitabine Carboxylic Acid Impurity	Emtricitabine	N/A
VL54006	Emtricitabine Hydroxy Impurity (FTU Impurity) / Emtricitabine S-Fluorouracil Analog	Emtricitabine	N/A
VL54007	Emtricitabine Sulfoxide Impurity (oxide Impurity) / (Sulfoxide Impurity Isomer 1 And Isomer 2)	Emtricitabine	N/A
VL240001	Emtricitabin Diastereomer	Emtricitabine	N/A
VL50001	EP Impurity I	Enalapril Maleate	N/A
VL281004	Ethylene diamine	Ethylene diamine	N/A
VL203002	Ezetimibe SRR impurity	Ezetimibe	N/A



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VL203001	Ezetimibe SRS Impurity	Ezetimibe	N/A
VL55001	Famciclovir Impurity	Famciclovir	N/A
VL55002	Famciclovir Impurity	Famciclovir	N/A
VL56004	Famotidine Related Compound D	Famotidine	N/A
VL56005	Famotidine Impurity-C	Famotidine	N/A
VL56006	Famotidine Related Compound E	Famotidine	N/A
VL56007	Famotidine Impurity-F	Famotidine	N/A
VL63001	Fenbendazole Related Compound A	Fenbendazole	N/A
VL59008	Fenofibrate Impurity G/Fenofibrate Related Compound C	Fenofibrate	N/A
VL59002	Fenofibrate Related Compound A	Fenofibrate	N/A
VL59004	Fenofibrate Impurity E	Fenofibrate	N/A
VL59006	Fenofibrate Impurity B/Fenofibrate Related Compound B	Fenofibrate	42017-89-0
VL59007	Fenofibrate Impurity C	Fenofibrate	217636-47-0
VL59003	Fenofibrate Impurity D	Fenofibrate	N/A
VL59005	Fenofibrate Impurity F	Fenofibrate	N/A
VL57001	EP Impurity G	Fentanyl	N/A
VL57002	EP Impurity E	Fentanyl	N/A
VL57003	EP Impurity B	Fentanyl	N/A
VL58001	EP Impurity B	Fentanyl Citrate	N/A
VL58002	EP Impurity E	Fentanyl Citrate	N/A
VL261001	Fexofenadine Impurity B	Fexofenadine	N/A
VL261002	Fexofenadine Impurity C	Fexofenadine	N/A
VL261003	Fexofenadine Impurity D	Fexofenadine	N/A
VL261004	Fexofenadine Impurity A	Fexofenadine	N/A
VL59003	EP Impurity D	Finofibrate	N/A
VL60001	Fluconazole Related Compound A	Fluconazole	N/A
VL60002	Fluconazole Related Compound B	Fluconazole	N/A
VL60003	Fluconazole Related Compound C	Fluconazole	N/A
VL62001	EP Impurity A	Flunarizine	N/A
VL64001	Fluvastatin (3R,5R Isomer)	Fluvastatin Sodium	N/A
VL64002	Fluvastatin (Methyl Ester)	Fluvastatin Sodium	N/A
VL234005	6, 7-Delta Fulvestrant	Fulvestrant	N/A
VL234004	Fulvestrant sulfone	Fulvestrant	N/A
VL234003	Fulvestrant Extended	Fulvestrant	N/A
VL234002	Fulvestrant $\beta$ -Isomer	Fulvestrant	N/A

Catalog No.	Impurity Name	Product Name	CAS No.
VL234001	6-Keto Fulvestrant	Fulvestrant	N/A
VL61001	Furosemide Impurity-D	Furosemide	N/A
VL198001	Gabapentin Related Compound-A	Gabapentin	N/A
VL75001	Gabapentin Impurity	Gabapentin	N/A
VL198003	Gabapentine Impurity-E	Gabapentin	N/A
VL76001	Ganciclovir Impurity	Ganciclovir	N/A
VL239001	Gatifloxacin Impurity A	Gatifloxacin	N/A
VL70001	Gefitinib Impurity	Gefitinib	N/A
VL224001	Gemcitabine alpha-Anomer	Gemcitabine	N/A
VL73001	EP Impurity A	Gemcitabine Hydrochloride	N/A
VL74001	Gemfibrozil Related Compound A	Gemfibrozil	N/A
VL216001	Glibenclamide Impurity E	Glibenclamide	N/A
VL71003	Glimepiride Related Compound A	Glimepride	N/A
VL71004	Glimepiride Related Compound C	Glimepride	N/A
VL71005	Glimepiride Related Compound D	Glimepride	N/A
VL71006	Glimepiride Related Compound B	Glimepride	N/A
VL66003	Glipizide Related Compound A	Glipizide	N/A
VL192001	Ethyl Carbamate of Glipizide	Glipizide	N/A
VL192002	Methyl Carbamate of Glipizide	Glipizide	N/A
VL192003	Isopropyl Carbamate of Glipizide	Glipizide	N/A
VL193001	Glyburide Impurity	Glyburide	N/A
VL68001	EP Impurity A	Glycerol	N/A
VL68002	EP Impurity B	Glycerol	N/A
VL247001	GOD(2-Amino-5-methyl thiophene-3-carbonitrile)	GOD	N/A
VL65001	Granisetron Related Compound D	Granisetron	N/A
VL67001	EP Impurity E	Guaiacol	N/A
VL67002	EP Impurity A	Guaiacol	N/A
VL67003	EP Impurity C	Guaiacol	N/A
VL67004	EP Impurity D	Guaiacol	N/A
VL235003	Guaifenesin Impurity B	Guaifenesin	N/A
VL235002	Guaifenesin Impurity D	Guaifenesin	N/A
VL235001	Guaifenesin Impurity C	Guaifenesin	N/A
VL79001	Hydralazine Impurity	Hydralazine Hydrochloride	N/A
VL80004	5-chlorohydrochlorothiazide	Hydrochlorothiazide	5233-42-1
VL80001	Hydrochlorothiazide impurity C	Hydrochlorothiazide	402824-96-8

Catalog No.	Impurity Name	Product Name	CAS No.
VL80003	Hydrochlorothiazide Impurity B	Hydrochlorothiazide	N/A
VL283001	Hydroquinone	Hydroquinone	N/A
VL77001	EP Impurity A	Hydroxyethyl salicylate	N/A
VL78001	Hyoscine butylbromide Impurity F	Hyoscine butylbromide	N/A
VL78002	Hyoscine butylbromide Impurity D (Mixture of Diastereoisomer	Hyoscine butylbromide	N/A
VL78003	Hyoscine butylbromide Impurity G	Hyoscine butylbromide	N/A
VL78004	Hyoscine butylbromide Impurity E HCl (N-butylhyoscine HCl)	Hyoscine butylbromide	N/A
VL81001	Ibuprofen Imp B	Ibuprofen	N/A
VL272001	Desmethyl Imatinib	Imatinib	N/A
VL83001	Indapamide Impurity	Indapamide	N/A
VL83002	Indapamide Dehydro Impurity	Indapamide	N/A
VL82001	EP Impurity B	Indoramin Hydrochloride	N/A
VL84003	Irbesartan related Compound A	Irbesartan	N/A
VL241001	Isopropyl p-toluenesulfonate	Isopropyl p-toluenesulfonate	N/A
VL85001	EP Impurity A	Itraconazole	N/A
VL85002	EP Impurity B	Itraconazole	N/A
VL85003	EP Impurity C	Itraconazole	N/A
VL85004	EP Impurity D	Itraconazole	N/A
VL85005	EP Impurity E	Itraconazole	N/A
VL85006	EP Impurity F	Itraconazole	N/A
VL237001	Ketorolac Impurity A	Ketorolac	N/A
VL89001	Cis-Lacidipine	Lacidipine	N/A
VL96001	Lacosamide Impurity	Lacosamide	N/A
VL87002	Lamivudine Impurity- B	Lamivudine	N/A
VL97001	Lamotrigine Related Compound D	Lamotrigine	N/A
VL97002	Lamotrigine Related Compound B	Lamotrigine	N/A
VL92001	EP Impurity A	Lansoprazole	N/A
VL92002	EP Impurity E	Lansoprazole	N/A
VL92003	EP Impurity C	Lansoprazole	N/A
VL92004	EP Impurity F	Lansoprazole	N/A
VL92005	Leflunomide Related Compound A	Lansoprazole	N/A
VL93001	Latanoprost Acid Impurity	Latanoprost	N/A
VL93002	Latanoprost Related Compound D	Latanoprost	N/A
VL93003	Latanoprost Related Compound E	Latanoprost	N/A
VL90001	Letrozole Related Compound B	Letrozole	N/A

Catalog No.	Impurity Name	Product Name	CAS No.
VL91001	Levetiracetam Metabolite	Levetiracetam	N/A
VL91002	Levetiracetam Related compound B	Levetiracetam	N/A
VL91003	EP Impurity A	Levetiracetam	N/A
VL91004	EP Impurity C	Levetiracetam	N/A
VL91005	Levetiracetam Impurity	Levetiracetam	N/A
VL94001	EP Impurity A	Levodopa	N/A
VL94002	EP Impurity B	Levodopa	N/A
VL86006	Levofloxacin Related Compound C	Levofloxacin	N/A
VL86007	Levofloxacin Related Compound B	Levofloxacin	N/A
VL86008	Levofloxacin Related Compound A(N-Desmethyl impurity)	Levofloxacin	N/A
VL86009	Levofloxacin Diamine Impurity	Levofloxacin	N/A
VL86002	Levofloxacin Impurity F (Levofloxacin N-oxide/Impurity-5)	Levofloxacin	N/A
VL86003	Levofloxacin Related Compound E	Levofloxacin	N/A
VL86004	Levofloxacin Impurity (Levofloxacin formyl Impurity)	Levofloxacin	N/A
VL860010	Desfluoro Levofloxacin	Levofloxacin	N/A
VL860011	Levofloxacin Piperazine Analogue	Levofloxacin	N/A
VL88001	EP Impurity C	Lidocaine	N/A
VL95001	EP Impurity G	Loratadine	N/A
VL95002	EP Impurity H	Loratadine	N/A
VL95003	Loratadine N-Acetyl impurity	Loratadine	N/A
VL95004	Bromodesloratadine impurity	Loratadine	N/A
VL95005	Loratadine N-formyl impurity	Loratadine	N/A
VL214005	Losartan Potassium Impurity-K	Losartan	N/A
VL214006	Losartan Potassium Impurity-J	Losartan	N/A
VL214007	Losartan Potassium Impurity-D	Losartan	N/A
VL214008	Losartan Potassium Impurity-C	Losartan	N/A
VL214009	Losartan Impurity-M/ 2H- Dimer	Losartan	N/A
VL2140010	Losartan potassium impurity-L/Losartan 1H Dimer	Losartan	N/A
VL214003	Losartan Potassium Related Compound A	Losartan Dimer	N/A
VL214004	Losartan Potassium Related Compound B	Losartan Dimer	N/A
VL214001	Losartan potassium impurity-L/Losartan Dimer 1	Losartan Dimer	230971-71-8
VL214002	Losartan potassium impurity-M/Losartan Dimer 2	Losartan Dimer	N/A
VL180001	Memantine Related Compound E	Memantine	N/A
VL180002	Memantine Related Compound D	Memantine	N/A

Catalog No.	Impurity Name	Product Name	CAS No.
VL100001	EP Impurity A	Mesalazine	N/A
VL100002	EP Impurity H	Mesalazine	N/A
VL100003	EP Impurity D	Mesalazine	N/A
VL100004	EP Impurity B	Mesalazine	N/A
VL98005	Messalamine Impurity 2	Messalamine	N/A
VL98004	Messalamine Impurity 3	Messalamine	N/A
VL98002	Messalamine Impurity I	Messalamine	N/A
VL105001	EP Impurity B	Metamizole	N/A
VL101002	Metformin Impurity-D	Metformin	N/A
VL102001	Metformin Impurity-A	Metformin	N/A
VL99001	1-Methoxy decane	Methoxy decane	N/A
VL103003	Metoprolol Impurity C	Metoprolol	N/A
VL206001	Mirtazapine Impurity B	Mirtazapine	N/A
VL206002	Mirtazapine Impurity C	Mirtazapine	N/A
VL206003	Mirtazapine Impurity E	Mirtazapine	N/A
VL104001	EP Impurity B	Molsidomine	N/A
VL104002	EP Impurity E	Molsidomine	N/A
VL106006	Moxifloxacin Impurity-B	Moxifloxacin	N/A
VL106002	Moxifloxacin Impurity A (Moxifloxacin Related Compound A)	Moxifloxacin	N/A
VL106003	Moxifloxacin Impurity C	Moxifloxacin	N/A
VL106004	Moxifloxacin Impurity-D	Moxifloxacin	N/A
VL106005	Moxifloxacin Impurity-E (8-Hydroxy Moxifloxacin)	Moxifloxacin	N/A
VL189001	Naphthalene-1-ol (Alpha-Naphthol)	Naphthalene	N/A
VL212001	Neamine	Neamine	N/A
VL360000	Nepafenac Impurity-E	Nepafenac	N/A
VL360002	Nepafenac Impurity-B	Nepafenac	N/A
VL360001	Nepafenac Impurity-D	Nepafenac	N/A
VL360003	Nepafenac Impurity-C	Nepafenac	N/A
VL108001	EP Impurity A	Nifedipine	N/A
VL107002	Nimesulide Impurity D	Nimesulide	N/A
VL288001	Norephenylphrine	Norephenylphrine	N/A
VL205001	Ofloxacin Impurity B	Ofloxacin	N/A
VL205002	Ofloxacin Impurity E	Ofloxacin	N/A
VL205003	Ofloxacin Impurity C	Ofloxacin	N/A
VL205004	Ofloxacin Impurity F	Ofloxacin	N/A

Catalog No.	Impurity Name	Product Name	CAS No.
VL109001	Olanzapine Impurity A	Olanzapine	N/A
VL109003	Olanzapine Impurity C	Olanzapine	N/A
VL109004	Olanzapine Related Compound-03	Olanzapine	N/A
VL109005	Olanzapine Related Compound-07	Olanzapine	N/A
VL109006	Olanzapine Related Compound-08	Olanzapine	N/A
VL109007	Olanzapine Thio lactum	Olanzapine	N/A
VL109008	Olanzapine lactam	Olanzapine	N/A
VL109009	Olanzapine N-Oxide (Impurity D)	Olanzapine	N/A
VL111005	Olanzapine Impurity B	Olanzapine	N/A
VL111004	Olanzapine Demethyl Impurity	Olanzapine	N/A
VL184001	Olmesartan Ethyl ester	Olmesartan	N/A
VL184002	Olmesartan Trityl Alcohol	Olmesartan	N/A
VL184003	Olmesartan Imp C	Olmesartan	N/A
VL184004	Trityl olmesartan	Olmesartan	N/A
VL184005	Olmesartan Imp A (Olmesartan acid)	Olmesartan	N/A
VL194001	N-alkylated Olmesartan	Olmesartan	N/A
VL112006	Omeprazole Impurity B	Omeprazole	N/A
VL112007	Omeprazole Impurity I	Omeprazole	N/A
VL112008	Omeprazole Impurity H	Omeprazole	N/A
VL112003	Omeprazole Impurity D	Omeprazole	N/A
VL112002	Omeprazole Impurity C	Omeprazole	N/A
VL112005	Omeprazole Related Compound F & G	Omeprazole	N/A
VL112001	EP Impurity A	Omeprazole	N/A
V00112002	EP Impurity C	Omeprazole	N/A
VL112003	EP Impurity D	Omeprazole	N/A
VL112004	EP Impurity E	Omeprazole	N/A
VL110000	Ondansetron Related Compound C	Ondansetron	N/A
VL215002	Oxybutynin Impurity E (Ethylpropyl Analogue)	Oxybutynin	121577-72-7
VL217001	Paliperidone N-Oxide Impurity	Paliperidone	N/A
VL217003	Paliperidone Impurity	Paliperidone	N/A
VL217002	Paliperidone keto impurity	Paliperidone	N/A
VL217003	Paliperidone Acetyl impurity	Paliperidone	N/A
VL217001	Paliperidone N-Oxide Impurity	Paliperidone N-Oxide	170359-61-2
VL125007	Pantoprazole Impurity D & F Mixture	Pantoprazole	N/A
VL125001	Pantoprazole Impurity A	Pantoprazole	N/A

Catalog No.	Impurity Name	Product Name	CAS No.
VL125002	EP Impurity B	Pantoprazole	N/A
VL125003	Pantoprazole Impurity C	Pantoprazole	N/A
VL125004	EP Impurity N-Oxide Impurity	Pantoprazole	N/A
VL125005	Sulfone N-Oxide Impurity	Pantoprazole	N/A
VL120001	EP Impurity A	Paracetamol Hydrochloride	N/A
VL120002	EP Impurity B	Paracetamol Hydrochloride	N/A
VL179001	Phenyl 2(phenyl thio)amine.HC	Phenyl 2(phenyl thio)amine.HCl	N/A
V115001	Phenylephrine Impurity-C	Phenylephrine	N/A
VL115002	Phenylephrine Impurity-E	Phenylephrine	N/A
VL289001	Phenylphrone	Phenylphrone	N/A
VL116001	Phenytoin Related Compound A	Phenytoin	N/A
VL233001	Pimozide Impurity E	Pimozide	N/A
VL233002	Pimozide Impurity A	Pimozide	N/A
VL114001	Pinaverium bromide Impurity -1	Pinaverium	N/A
VL114002	Pinaverium bromide Impurity -2	Pinaverium	N/A
VL123001	Pioglitazone Imino Impurity	Pioglitazone	N/A
VL244001	N Ethyl Piperazine	Piperazine	N/A
VL117001	EP Impurity A	Piracetam	N/A
VL118001	EP Impurity D	Pirenzepine Hydrochloride	N/A
VL48001	PPG ESTER-1	PPG ESTER	N/A
VL48002	PPG ESTER-2	PPG ESTER	N/A
VL119003	Pramipexole R-isomer	Pramipexole	N/A
VL119004	Pramipexole Disubstituted Impurity	Pramipexole	N/A
VL183001	Pramipexole Impurity-C	Pramipexole	N/A
VL119001	Pramipexole Related Compound A	Pramipexole	N/A
VL119002	EP Impurity B	Pramipexole	N/A
VL113001	Prasugrel 3- Fluoro impurity	Prasugrel	N/A
VL113002	Prasugrel Des Fluoro impurity	Prasugrel	N/A
VL113004	Prasugrel CATP Impurity (5-(5-chloro-1-(2-fluorophenyl)-2-oxopentyl)-4,5,6,7-tetrahydrothieno[3,2-c]pyridin-2-yl acetate)	Prasugrel	N/A
VL113005	Prasugrel Impurity 6 (1-cyclopropyl-2-(2-fluorophenyl)-2-hydroxyethanone)	Prasugrel	N/A
VL113006	Prasugrel Impurity 7 (1-cyclopropyl-2-(2-fluorophenyl)ethane-1,2-dione)	Prasugrel	N/A
VL113007	Prasugrel CycloPropyl Open ring Degradant Impurity (Prasugrel Impurity 10)	Prasugrel	N/A

Catalog No.	Impurity Name	Product Name	CAS No.
VL113008	Prasugrel Methyl Keto Impurity/ 5-[1-(2-fluorophenyl)-2-oxopropyl]-4,5,6,7-tetrahydrothieno[3,2-c]pyridine-2-yl acetate	Prasugrel	N/A
VL1130010	Prasugrel Impurity 3	Prasugrel	N/A
VL113009	Prasugrel Impurity 5	Prasugrel	N/A
VL1130011	Prasugrel Dibromo Impurity (Prasugrel Impurity 8)	Prasugrel	N/A
VL1130012	Prasugrel Process Impurity A (Prasugrel Impurity 11)	Prasugrel	N/A
VL263001	Pregabalin related impurity	Pregabalin	N/A
VL263002	Pregabalin Lactum	Pregabalin	N/A
VL263003	Pregabalin (R)-1-phenylethylamine Impurity	Pregabalin	N/A
VL263004	Pregabalin racemic Impurity	Pregabalin	N/A
VL263005	(±)-3-carbamoylmethyl hexanoic acid	Pregabalin	N/A
VL263005	Pregabalin4-Ene Impurity	Pregabalin	N/A
VL121001	Prilocaine Related Compound A	Prilocaine Hydrochloride	N/A
VL278001	2-Amino-1-(3-chlorophenyl)-1-propanone HCl	Propanone	N/A
VL188001	Propranolol Epoxide	Propranolol	N/A
VL122001	EP Impurity A	Propyl Hydroxybenzoate	N/A
VL124001	EP Impurity B	Pyridoxine hydrochloride	N/A
VL227002	Quetiapine Impurity C/ Quetiapine Related Compound C	Quetiapine	N/A
VL227001	Quetiapine Impurity B	Quetiapine	N/A
VL126009	Quetiapine S-Oxide impurity	Quetiapine	N/A
VL126008	Quetiapine N-Oxide impurity	Quetiapine	N/A
VL1260010	Quetiapine-N-Di ethoxy ethanol	Quetiapine	N/A
VL126007	Quetiapine tetraethylene glycol analogue	Quetiapine	N/A
VL126001	Quetiapine Related compound- 01	Quetiapine	N/A
VL126002	Quetiapine Related compound- 02	Quetiapine	N/A
VL1260011	Bis(dienzopiperazinyl) piperazine	Quetiapine	N/A
VL128001	Rabeprazole related compound C	Rabeprazole	N/A
VL270001	Raloxifene Impurity D	Raloxifene	N/A
VL270002	Raloxifene Impurity C	Raloxifene	N/A
VL129002	Ramipril Impurity-G	Ramipril	N/A
VL199001	Ramipril Impurity-O	Ramipril	N/A
VL129004	Ramipril Impurity K	Ramipril	N/A
VL129001	EP Impurity A	Ramipril	N/A



Catalog No.	Impurity Name	Product Name	CAS No.
VL220002	Ranitidine Related Compound B	Ranitidine	N/A
VL220001	Ranitidine Related Compound C	Ranitidine	N/A
VL130002	Riluzole Related Compound A	Riluzole	N/A
VL130003	Riluzole Impurity	Riluzole	N/A
VL130001	Riluzole Impurity	Riluzole	N/A
VL250001	9-keto risperidone	Risperidone	N/A
VL226002	Rivastigmine Quaternary Salt	Rivastigmine	N/A
VL226001	Rivastigmine Desmethyl Impurity	Rivastigmine	N/A
VL221003	Rizatriptan-N-Oxide	Rizatriptan	N/A
VL221002	Rizatriptan des methyl	Rizatriptan	N/A
VL221002	Rizatriptan des methyl	Rizatriptan	N/A
VL221002	Rizatriptan des methyl	Rizatriptan	N/A
VL221001	Rizatriptan impurity- C	Rizatriptan	N/A
VL262003	Ropinirole N-Oxide	Ropinirole	N/A
VL262001	N-Hydroxy Ropinirole	Ropinirole	N/A
VL262002	Ropinirole Impurity A (Monopropyl Ropinirole)	Ropinirole	N/A
VL262008	Ethyl Ropinirole	Ropinirole	N/A
VL262004	Ropinirole Propylidene	Ropinirole	N/A
VL262005	Ropinirole Cyclopentanylindolinone impurity	Ropinirole	N/A
VL262006	Methylene Ropinirole	Ropinirole	N/A
VL262007	Hydroxy Ropinirole	Ropinirole	N/A
VL262009	Ropinirole Open Ring Impurity Derivative	Ropinirole	N/A
VL127003	Rosuvastatin EP Impurity C	Rosuvastatin	N/A
VL174004	Rosuvastatin Impurity A	Rosuvastatin	N/A
VL174002	Rosuvastatin 3S 5R isomer	Rosuvastatin	N/A
VL174003	Rosuvastatin 5Keto Impurity	Rosuvastatin	N/A
VL174005	Rosuvastatin Z-Isomer	Rosuvastatin	N/A
VL174006	Rosuvastatin Tert-Butyl Ester	Rosuvastatin	N/A
VL174001	Rosuvastatin 3S,5R (Rosuvastatin Impurity G)	Rosuvastatin	N/A
VL176001	Rosuvastatin Anti isomer (Rosuvastatin3R,5R isomer)	Rosuvastatin	1094100-06-7
VL127001	Rosuvastatin Diastereomer/Related Compound-1 (RC1)	Rosuvastatin	N/A
VL127002	Rosuvastatin Lactone	Rosuvastatin	N/A
VL266001	S-Mandelic Acid	S-Mandelic Acid	N/A
VL134002	Salmeterol Impurity G	Salmeterol	N/A

Catalog No.	Impurity Name	Product Name	CAS No.
VL134003	Salmeterol Impurity -H	Salmeterol	N/A
VL134004	Salmeterol Related Compound A	Salmeterol	N/A
VL134001	Salmeterol Impurity F	Salmeterol	N/A
VL227002	Quetiapine Impurity C/ Quetiapine Related Compound C	Select Parent Drug	N/A
N/A	N/A	Select Parent Drug	N/A
N/A	N/A	Select Parent Drug	N/A
VL215001	Oxybutynin Impurity B (Diphenyl Analogue)	Select Parent Drug	N/A
VL196001	Sertraline Impurity -B	Sertraline	N/A
VL196002	Sertraline Impurity -F	Sertraline	N/A
VL196003	Sertraline Impurity -G	Sertraline	N/A
VL222001	Sertraline Related Compound-2	Sertraline	N/A
VL222002	Sertraline Related Compound-1	Sertraline	N/A
VL138001	Sevoflurane related compound C	Sevoflurane	N/A
VL137001	Sildenafil impurity A	Sildenafil	N/A
VL137002	Sildenafil Impurity D	Sildenafil	N/A
VL136002	Sildenafil Impurity C (EP)	Sildenafil	N/A
VL136001	Sildenafil Dimer Impurity	Sildenafil Citrate	N/A
VL133009	Simvastatin Impurity E & F mixture	Simvastatin	N/A
VL133001	Simvastatin Impurity F	Simvastatin	79952-44-6
VL133002	Simvastatin Impurity-A/Simvastatin Hydroxy Acid Impurity A	Simvastatin	N/A
VL133005	Simvastatin Impurity-B/Acetyl Simvastatin	Simvastatin	145576-25-6
VL133006	Simvastatin Impurity-C/Anhydro Simvastatin	Simvastatin	210980-68-0
VL133004	Simvastatin Impurity-D/Simvastatin Dimer	Simvastatin	476305-24-5
VL133008	Simvastatin Impurity-G/Methylene Simvastatin Impurity-G	Simvastatin	79902-62-8
VL1330010	Simvastatin Lovastatin(Impurity E)	Simvastatin	N/A
VL133007	Simvastatin methyl ester	Simvastatin	N/A
VL201001	Sitagliptin S-Isomer	Sitagliptin	N/A
VL131001	Solifenacin Succinate Impurity A	Solifenacin	N/A
VL131003	Solifenacin Succinate Impurity C/ Solifenacin Impurity C	Solifenacin	N/A
VL132002	Solifenacin Succinate Impurity B (solifenacin N-oxide)	Solifenacin	N/A
VL131005	RR Solifenacin Impurity	Solifenacin	N/A
VL131006	RS Solifenacin Impurity	Solifenacin	N/A
VL131007	SS Solifenacin Impurity	Solifenacin	N/A

Catalog No.	Impurity Name	Product Name	CAS No.
VL135001	Stavudine Impurity	Stavudine	N/A
VL139001	Sulpiride Impurity D	Sulpiride	N/A
VL139002	Sulpiride Impurity B	Sulpiride	N/A
VL300003	Tadalafil impurity-(6R, 12aS)/6R, 12aS Diastereomer/Impurity A	Tadalafil impurity	171596-27-3
VL300001	Tadalafil impurity-(6S, 12aS)/6S, 12aS Enantiomer/ Impurity B	Tadalafil impurity	629652-72-8
VL300002	Tadalafil impurity-(6S, 12aR)/6S,12aR Diastereomer/ Impurity C	Tadalafil impurity	171596-28-4
VL269001	Tamsulosin Impurity B	Tamsulosin	N/A
VL269002	Tamsulosin Impurity E	Tamsulosin	N/A
VL269003	Tamsulosin Impurity F	Tamsulosin	N/A
VL142003	Telmisartan impurity B	Telmisartan	N/A
VL142004	Telmisartan impurity C	Telmisartan	N/A
VL142001	Telmisartan Amide	Telmisartan	N/A
VL142002	Telmisartan Diacid	Telmisartan	N/A
VL144001	EP Impurity I	Terfenadine	N/A
VL143001	EP Impurity A	Tetracaine Hydrochloride	N/A
VL143002	EP Impurity B	Tetracaine Hydrochloride	N/A
VL140001	Hydroxy Morpholino Thiadiazole	Thiadiazole	N/A
VL145001	EP Impurity B	Thiamazole	N/A
VL141001	Tiagabine Impurity-I (Diol)	Tiagabine	N/A
VL141002	Tiagabine Impurity-II (Ketone)	Tiagabine	N/A
VL146001	Tibolone	Tibolone	N/A
VL213001	Timolol impurity -B	Timolol	59697-06-2
VL213002	Timolol impurity -D	Timolol	N/A
VL213003	Timolol impurity -G	Timolol	N/A
VL236001	Tioconazole Impurity-A	Tioconazole	N/A
VL236002	Tioconazole Impurity-B	Tioconazole	N/A
VL236003	Tioconazole Impurity-C	Tioconazole	N/A
VL285001	Tizanidine Dimer Impurity	Tizanidine	N/A
VL271001	Topotecan Bis N-Oxide	Topotecan	N/A
VL147001	EP Impurity E	Tramadol	N/A
VL232001	Tramadol 1,2 Olefin impurity	Tramadol	N/A
VL232002	Tramadol 1,6 Olefin impurity	Tramadol	N/A
VL148001	EP Impurity D	Tranexamic acid	N/A
VL279001	Travoprost Related Compound A	Travoprost	N/A

Catalog No.	Impurity Name	Product Name	CAS No.
VL238001	Triprolidine N-Oxide	Triprolidine	N/A
VL242001	Trospium Chloride Impurity D	Trospium Chloride	N/A
VL151001	Valproic Acid	Valproic Acid	N/A
VL152008	Valsartan Related Compound A / USP Impurity A	Valsartan	N/A
VL152009	Valsartan Related Compound B / USP Impurity B	Valsartan	N/A
VL1520010	Valsartan Related Compound C / USP Impurity C	Valsartan	N/A
VL152007	Valsartan methyl Ester	Valsartan	N/A
VL370001	Vardenafil Impurity A	Vardenafil	N/A
VL286001	Venlafaxine Impurity F	Venlafaxine	N/A
VL150001	Verapamil Related Compound E	Verapamil	N/A
VL150002	Verapamil Related Compound F	Verapamil	N/A
VL150003	Verapamil Impurity M	Verapamil	N/A
VL254001	(Vilazodone Imp 3) Vilazodone N-Oxide	Vilazodone	N/A
VL254002	Vilazodone Impurity-VIII	Vilazodone	N/A
VL282001	Zidovudine Related Compound C	Zidovudine	N/A
VL282002	Zidovudine Related Compound B	Zidovudine	N/A
VL248001	Ziprasidone Related Compound A	Ziprasidone	N/A
VL248002	Ziprasidone Related Compound B	Ziprasidone	N/A
VL248003	Ziprasidone Related Compound D	Ziprasidone	N/A
VL248004	Ziprasidone Open ring Impurity	Ziprasidone	N/A
VL350000	Zolmitriptan-Stage-IV	Zolmitriptan	N/A
VL350001	Zolmitriptan-N-oxide	Zolmitriptan	N/A
VL350002	Zolmitriptan-N-desmethyl	Zolmitriptan	N/A
VL350003	Zolmitriptan Amine	Zolmitriptan	N/A
VL153001	N-methyl impurity	Zonisamide	N/A
VL256001	Keto Impurity	Keto Impurity	N/A
VL211001	10,11-Dioxo Impurity	10,11-Dioxo Impurity	N/A
VL208001	(R)-4-(4-aminobenzyl)-1,3oxazolidine-2-one	(R)-4-(4-aminobenzyl)-1,3oxazolidine-2-one	N/A
VL265001	1 Amino Indan	1 Amino Indan	N/A
VL267001	1-indane-One (1-Indanone)	1-indane-One (1-Indanone)	N/A
VL268001	1-Indanol	1-Indanol	N/A
VL99001	1-Methoxy decane	1-Methoxy decane	N/A
VL320000	2,4-Dichlorobenzoic acid	2,4-Dichlorobenzoic acid	N/A
VL277001	2,6 Dimethyl Phenol Impurity	2,6 Dimethyl Phenol Impurity	N/A

Catalog No.	Impurity Name	Product Name	CAS No.
<b>VL175001</b>	3-Hydroxybenzoic Acid	3-Hydroxybenzoic Acid	N/A
<b>VL20001</b>	4-Amino Phenol	4-Amino Phenol	N/A
<b>VL310001</b>	4-hydroxybenzoic acid	4-hydroxybenzoic acid	N/A
<b>VL209001</b>	5-methoxy-1H-benzimidazole-2-thiol	5-methoxy-1H-benzimidazole-2-thiol	N/A
<b>VL420001</b>	Carbidopa Impurity	(3,4-Dihydroxyphenylacetone) DHP	N/A
<b>VL390001</b>	Valganciclovir Related compound E	Valganciclovir	N/A
<b>VL390002</b>	Valganciclovir Related compound F	Valganciclovir	N/A
<b>VL400001</b>	Fesoterodine Impurity B	Fesoterodine	N/A
<b>VL260002</b>	Propafenone Impurity E	Propafenone	N/A
<b>VL260003</b>	Propafenone Impurity C	Propafenone	N/A
<b>VL260004</b>	Propafenone Impurity A	Propafenone	N/A
<b>VL430002</b>	Drotaverine Acid Impurity	Drotaverine	N/A