

| S.No. | API Name                     | Impurity Name                                                                                       | CAS No.      |
|-------|------------------------------|-----------------------------------------------------------------------------------------------------|--------------|
| 1     | Abiraterone                  | 16-Dehydro Pregnenolone Acetate                                                                     | 979-02-2     |
|       |                              | Isopropyl Bromide                                                                                   | 75-26-3      |
|       |                              | des iodo abiraterone (or) impurity 1                                                                | 1224-94-8    |
|       |                              | abiraterone acetate dimer imp                                                                       | 186826-68-6  |
|       |                              | abiraterone dimer imp                                                                               | 186826-70-0  |
|       |                              | Hydrazine Sulfate                                                                                   | 2644-70-4    |
|       |                              | Abiraterone 3-Iodine Impurity                                                                       | 1268610-38-3 |
|       |                              | Hydrazine mono Hydrochloride Impurity of Abiraterone Acetate                                        | 2644-70-4    |
| 2     | Aceclofenac                  | androst-4-ene-3,17-dione                                                                            | 63-05-8      |
| 3     | Acetaminophen                | Aceclofenac API                                                                                     | 89796-99-6   |
|       |                              | Paracetamol Standard                                                                                | 103-90-2     |
|       |                              | Acetaminophen Related Compound-B                                                                    | 1693-37-4    |
|       |                              | Acetaminophen Related Compound-D                                                                    | 103-84-4     |
|       |                              | Acetaminophen Related Compound-J                                                                    | 539-03-7     |
|       |                              | Acetaminophen Related Compound-C (or) N-(2-Hydroxyphenyl)acetamide (or) Paracetamol (EP) Impurity A | 614-80-2     |
|       |                              | Acetaminophen Related Compound-C (or) N-(2-Hydroxyphenyl)acetamide (or) Paracetamol (EP) Impurity A | 614-80-2     |
|       |                              | impurity -C (4-Acetyl amino-2-chloro phenol)                                                        | 3964-54-3    |
|       |                              | Paracetamol (EP) Impurity-F                                                                         | 100-02-7     |
|       |                              | Acetaminophen (EP) Impurity-K                                                                       | 123-30-8     |
|       |                              | Acetaminophen (EP) Impurity-K                                                                       | 123-30-8     |
|       |                              | Impurity-A                                                                                          | 614-80-2     |
|       |                              | Impurity-C                                                                                          | 3964-54-3    |
|       |                              | Impurity-F                                                                                          | 100-02-7     |
|       |                              | Impurity-J                                                                                          | 539-03-7     |
|       |                              | Impurity-K                                                                                          | 123-30-8     |
|       |                              | Paracetamol (EP) Impurity-N                                                                         | 3070-86-8    |
|       |                              | Paracetamol (EP) Impurity-E                                                                         | 99-93-4      |
|       |                              | Paracetamol impurity O                                                                              | 2575516-61-7 |
|       |                              | paracetamol impurity H                                                                              | 2623-33-8    |
|       |                              | paracetamol impurity G                                                                              | 19871264-0   |
| 4     | Acetyl Cysteine              | P-Chlorophenol                                                                                      | 106-48-9     |
|       |                              | Impurity-D                                                                                          | 18725-37-6   |
|       |                              | Impurity-A                                                                                          | 56-89-3      |
| 5     | Acetylsalicylicacid /Aspirin | Impurity-C                                                                                          | 5545-17-5    |
|       |                              | Impurity-A                                                                                          | 99-96-7      |
|       |                              | Impurity-B                                                                                          | 636-46-4     |
|       |                              | Impurity-C                                                                                          | 69-72-7      |
|       |                              | Impurity-D                                                                                          | 530-75-6     |
|       |                              | Impurity-E                                                                                          | 552-94-3     |
| 6     | Aciclovir                    | Impurity-F                                                                                          | 1466-82-6    |
|       |                              | Aciclovir                                                                                           | 59277-89-3   |
|       |                              | Impurity-A                                                                                          | 102728-64-3  |
|       |                              | Impurity-B                                                                                          | 73-40-5      |
|       |                              | Impurity-C                                                                                          | 91702-61-3   |
|       |                              | Impurity-H                                                                                          |              |
|       |                              | Impurity-D                                                                                          | 59277-91-7   |
|       |                              | Impurity-E                                                                                          | NA           |
|       |                              | Impurity-F                                                                                          | 110104-37-5  |
|       |                              | Impurity-G                                                                                          | 75128-73-3   |
|       |                              | Impurity-K                                                                                          | 1797131-64-6 |
|       |                              | Impurity-O                                                                                          | NA           |
|       |                              | Impurity-I                                                                                          | 1797832-75-7 |
|       |                              | Impurity-L                                                                                          | 3056-33-5    |
|       |                              | Impurity-P                                                                                          | 23169-33-7   |

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|-------|-------------------------|-------------------------------------------|--------------|
| 7     | Acetazolamide           | Impurity D                                | 14949-00-9   |
|       |                         | Impurity E                                | 827026-60-8  |
|       |                         | Acetazolamide Impurity-A                  | 60320-32-3   |
|       |                         | Acetazolamide Impurity-B                  | 5393-55-5    |
|       |                         | Acetazolamide Impurity-C                  | 32873-56-6   |
|       |                         | Acetazolamide Impurity-F                  | 80495-47-2   |
|       |                         | Acetazolamide api                         | 59-66-5      |
| 8     | Adrenalone/ Epinephrine | Adrenalone Hydrochloride                  | 62-13-5      |
|       |                         | impurity F (or) sulfonate                 | 78995-75-2   |
|       |                         | Epinephrine Methoxy Analog                | NA           |
|       |                         | N-Benzyl adrenalone (or) Adrenaline imp E | 317351-39-6  |
|       |                         | Oxidrine                                  | 94-07-5      |
|       |                         | N-Benzyl Epinephrine                      | 1095714-91-2 |
|       |                         | Deoxyepinephrine (or) Epinine             | 501-15-5     |
|       |                         | Noradrenaline Sulfonic Acid               | 24159-36-2   |
|       |                         | Noradrenaline Impurity-G                  |              |
| 9     | Alanine                 | Beta-Alanine                              | 429659-01-8  |
|       |                         | D-Alanine (isopropyl ester)               | 39613-92-8   |
|       |                         | L-Alanine (isopropyl ester)               | 62062-65-1   |
| 10    | Albendazole             | Impurity-A                                | 80983-36-4   |
|       |                         | Impurity-B                                | 54029-12-8   |
|       |                         | Impurity-C                                | 75184-71-3   |
|       |                         | Impurity-D                                | 80983-34-2   |
|       |                         | Impurity-E                                | 10605-21-7   |
|       |                         | Impurity-G                                | 20367-38-8   |
|       |                         | 4-Isotio Cyanatobenzene 1,2-diamine       | NA           |
| 11    | Albuterol               | Impurity-D                                | 156339-88-7  |
|       |                         | Impurity-K                                | 898542-80-8  |
|       |                         | Impurity-M                                | 18910-70-8   |
| 12    | Alcaftadine             | alcaftadine acid N-desmethylated impurity | NA           |
|       |                         | Acid Impurity                             |              |
|       |                         | Alcaftadine STANDARD                      | 147084-10-4  |
|       |                         | Alcaftadine benzazepine impurity          | 147083-36-1  |
|       |                         | Dialdehyde imp                            |              |
|       |                         | Alcaftadine Diol Impurity                 | 147083-92-9  |
|       |                         | Alcaftadine alcohol Impurity              | 147083-89-4  |
| 13    | Allopurinol             | Alcaftadine N-Oxide                       |              |
|       |                         |                                           |              |
| 14    | Ambrisentan             | Impurity-A                                | 27511-79-1   |
|       |                         | Impurity-F                                | 302-01-2     |
|       |                         | Epoxy Impurity                            | NA           |
|       |                         | Impurity-I                                | NA           |
|       |                         | Impurity-A                                | NA           |
| 15    | Amino benzoic acid      | Impurity-B                                | 108-79-2     |
|       |                         | Impurity-D                                | 1639429-81-4 |
|       |                         | 4- aminobenzoic acid                      | 150-13-0     |
|       |                         | 2-Aminobenzoic acid                       | 118-92-3     |
|       |                         | Para aminobenzoic acid                    | 150-13-0     |
| 17    | Aminocaproic acid       | Caprolactum Impurity                      | 105-60-2     |
|       |                         | Sorbitol Ester                            | NA           |
| 18    | Amisulpride             | Impurity-A                                | 26116-12-1   |
|       |                         | Amisulpride Impurity B                    | 148516-54-5  |
| 19    | Amlodipine              | Impurity-D                                | 113994-41-5  |
|       |                         | Impurity-A                                | 88150-62-3   |
|       |                         | Impurity-G                                | 43067-01-2   |
|       |                         | Impurity-E                                | 140171-65-9  |
| 20    | Amiodarone              | impurity D                                | 1951-26-4    |
|       |                         | impurity E                                | 52490-15-0   |
|       |                         | impurity H                                | 869-24-9     |
| 22    | Anisole                 | 3-Bromo Anisole                           | 2398-37-0    |
|       |                         | Anisole                                   | 100-66-3     |

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|-------|--------------|-----------------------------------------------------------|--------------|
| 23    | Apixaban     | m-substituted apixaban                                    | 1801881-18-4 |
|       |              | apixaban imp 2                                            | 405872-78-8  |
|       |              | Apixaban Related Compound H                               | 1421823-20-2 |
|       |              | Apixaban Related Compound G                               | 881386-12-5  |
|       |              | Apixaban Related Compound F                               | 536759-91-8  |
| 24    | Aripiprazole | Impurity-G                                                | 1797986-18-5 |
|       |              | Related Compound-H                                        | 1796928-63-6 |
|       |              | Bromobutoxyquinoline impurity                             | 129722-34-5  |
|       |              | Aripiprazole Meta Isomer                                  | 203395-78-2  |
| 25    | Aspartame    | Aspartame Impurity A (or) Related Compound A              | 5262/10/02   |
| 26    | Atenolol     | Impurity-A                                                | 17194-82-0   |
|       |              | Impurity-B                                                | 61698-76-8   |
|       |              | Impurity-E                                                | 141650-31-9  |
|       |              | Impurity-F                                                | 87619-83-8   |
|       |              | Impurity-G                                                | 56392-14-4   |
|       |              | Impurity-H                                                | 29277-73-4   |
|       |              | Impurity-I                                                | 1797116-92-7 |
|       |              | Impurity-J                                                | 81346-71-6   |
| 27    | Atorvastatin | Impurity-B (EP)                                           | NA           |
|       |              | Impurity-B (USP)                                          | NA           |
|       |              | ATV-II Impurity (or) diprotected imp                      | NA           |
|       |              | Impurity-2                                                | 581772-29-4  |
|       |              | Impurity-IX                                               | NA           |
|       |              | Impurity-VIIIb                                            | NA           |
|       |              | Impurity- H                                               | 125995-03-1  |
|       |              | Impurity- C                                               | 693794-20-6  |
|       |              | Impurity- A                                               | 433289-84-0  |
|       |              | RELATED COMPOUND E                                        | 1105067-88-6 |
|       |              | Impurity F                                                | 1371615-56-3 |
|       |              | Impurity D                                                | 148146-51-4  |
|       |              | Atorvastatin Calcium Propylene Glycol Solvate             | 1040350-07-9 |
|       |              | Impurity G                                                | 887196-29-4  |
|       |              | FXA impurity                                              | 1316291-19-6 |
|       |              | FX1 impurity                                              | 1315629-79-8 |
|       |              | 2,2-Dichloro-1-(4-Fluorophenyl)-2-Phenylethanone Impurity | 1403667-07-1 |
|       |              | Acetonide nitrile (4S,6S) Enantiomer Impurity             | 196085-85-5  |
|       |              | Atorvastatin Methyl Ester                                 | 345891-62-5  |
|       |              | Atorvastatin tert-butyl Ester                             | 134395-00-9  |
| 28    | Atovaquone   | Atorvastatin Diketo Amide                                 | 125971-96-2  |
|       |              | Diketo butanamide diastereomers                           | 444577-70-2  |
| 29    | Atropine     | Tripotected Atorvastatin Amide Impurity                   | 1116118-82-1 |
|       |              | Atorvastatin imp 14                                       | NA           |
| 28    | Atovaquone   | Impurity-I                                                | 165317-79-3  |
| 29    | Atropine     | Atropine N-Oxide                                          | 4574-60-1    |
| 30    | Azithromycin | Azythromycin                                              | 83905-01-5   |
|       |              | Impurity-1                                                | NA           |
|       |              | Impurity-E (2nd lot)                                      | 612069-27-9  |
|       |              | Impurity-E (3rd lot)                                      | 612069-27-9  |
|       |              | Impurity-H                                                | 612069-30-4  |
|       |              | Impurity-J                                                | 117693-41-1  |
|       |              | Impurity-M                                                | 765927-71-7  |
|       |              | Impurity-N                                                | 612069-25-7  |
|       |              |                                                           | 612069-25-7  |
|       |              |                                                           | 612069-25-7  |
|       |              | Impurity-P                                                | 92594-45-1   |
|       |              | Impurity-G                                                | 612069-31-5  |
|       |              | Impurity-I                                                | 172617-84-4  |
|       |              | Impurity-L                                                | 90503-06-3   |
|       |              | Related compound-F                                        | 612069-28-0  |
|       |              | Related Compound-A                                        | 76801-85-9   |



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|-------|---------------------------|-----------------------------------------------------|--------------|
| 31    | Azacitidine               | Azacitidine Standard                                | 320-67-2     |
|       |                           | N4-Acetyl Cytidine                                  | 3768-18-1    |
|       |                           | N-Hydroxy Cytidine                                  | 3258/02/04   |
|       |                           | 2-Acetyl Azacitidine                                | 1174733-90-4 |
|       |                           | Azacitidine Impurity N                              | 1174733-90-4 |
| 32    | Aztreonam                 | Azacitidine Impurity N                              | 2508-81-8    |
|       |                           | aztreonam RC F                                      | 102579-57-7  |
|       |                           | Aztreonam Open-ring desulfatedaztreonam ethyl ester | NA           |
|       |                           | Open-ring desulfated aztreonam (or) Aztreonam RC B  | 102586-36-7  |
| 33    | Azahypoxanthine (TE)      | Aztreonam Related Compound A                        | 87500-74-1   |
|       |                           | Azahypoxanthine (TE)                                | 4656-86-4    |
| 34    | Azilsartan Medoxamil (AS) | API                                                 | 147403-03-0  |
|       |                           | Azilsartan Dimer                                    | 1417576-02-3 |
|       |                           | API methyl ester                                    | 147403-52-9  |