



ANALYTICAL RESEARCH STANDARDS (ARS)

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ALFENTANIL

0620	Alfentanil HCl ARS
0628	Dipropionyl Alfentanil ARS
0622	Hydroxymethylpiperidine Alfentanil ARS
0626	Methoxymethylpiperidine Alfentanil ARS
0625	N-Acetyl Alfentanil ARS

APAP/PAP**APAP**

6386	2-Acetamidophenol (AOAP) ARS
8241	2-Hydroxy-4',5-diacetamidobiphenyl (Spot A Prime) ARS
9331	2-Hydroxy-4',5-diacetamidodiphenyl Ether (Spot A) ARS
7476	2,2'-Dihydroxy-5,5'-diacetamidobiphenyl (Spot B) ARS
8658	4-Hydroxy-4'-acetamidodiphenylamine (HACDA) ARS
5881	4,4'-Diacetamido diphenyl Ether (DAODA) ARS
2127	N,O-Diacetyl-p-aminophenol (DAPAP) ARS
2182	N-Propionyl-p-aminophenol (PPAP)

PAP

6212	4-Hydroxydiphenylamine (HDPA) ARS
8963	4,4'-Diaminodiphenyl Ether (ODA) ARS

BENZPHETAMINE

9203	Benzphetamine HCl ARS
1533	Methamphetamine HCl ARS
9231	N-Benzylephedrine ARS
9257	N,N-Dibenzylamphetamine ARS

COCAINE

1317	Cocaine Alkaloid ARS
1318	Cocaine HCl ARS
1427	Methyl Ecgonine ARS

CODEINE

1325	7,8-Dihydro-14-Hydroxycodone ARS
1235	10-Hydroxycodone ARS
6953	14-Hydroxycodone ARS
1319	Codeine Alkaloid ARS
1545	Codeine Methyl Ether ARS
1565	Codeine-N-Oxide ARS
1321	Codeine Phosphate ARS
1322	Codeine Sulfate ARS
1544	Codeinone ARS
1564	Norcodeine ARS

DEXTROAMPHETAMINE

0730	Dextroamphetamine Sulfate ARS
1955	Dextroamphetamine Sulfate + RC ARS

DIHYDROCODEINE (PARZONE)

1319	Codeine Alkaloid ARS
1574	Dihydrocodeine Alkaloid (Parzone™) ARS
1575	Dihydrocodeine Bitartrate ARS
1573	Dihydrocodeine Methyl Ether ARS

DIPHENOXYLATE

1211	Diphenoxylate Base ARS
1210	Diphenoxylate HCl ARS
1209	Diphenoxylate Acid ARS

FENTANYL

0664	Acetyl Fentanyl Citrate ARS
0665	Butyryl Fentanyl Citrate ARS
1222	Fentanyl Alkaloid ARS
0666	Fentanyl Citrate ARS
1569	Fentanyl N-Oxide ARS
0902	N-Phenyl-1-(2-Phenylethyl) -4-Piperidinamine HCl ARS
1778	N-Phenylpropanamide ARS
0669	Pyruvyl Fentanyl ARS

FLUOXETINE

3710	Fluoxetine Hydrochloride ARS
4393	Fluoxetine Hydrochloride Meta Isomer ARS

HYDROCODONE

1545	Codeine Methyl Ether ARS
1587	Hydrocodone + RC ARS
1224	Hydrocodone Base ARS
1226	Hydrocodone Bitartrate ARS
1584	Hydrocodone Diol ARS
7267	Hydrocodone N-Oxide HCl ARS

HYDROMORPHONE BASE

4375	2,2-Bis Hydromorphone ARS
7684	Dihydromorphone ARS
1233	Hydromorphone Base ARS
1234	Hydromorphone HCl ARS
4325	Hydromorphone N-Oxide ARS
7685	Morphine Alkaloid ARS

LEVORPHANOL

1413	Levorphanol Base ARS
1415	Levorphanol Tartrate ARS
1622	Norlevorphanol ARS

LORATADINE

3061	8-Chloroazatadine ARS
3060	Loratadine ARS

MEPERIDINE

1421	Meperidine Base ARS
1419	Meperidine HCl ARS
1422	Meperidinic Acid HCl ARS
3011	N-Ethylnormeperidine HCl ARS
1623	Normeperidine HCl ARS

METHADONE

1514	Methadone Base ARS
1425	Methadone HCl ARS

METHYLNALTREXONE BROMIDE

0329	3-Methoxynaltrexone Methobromide ARS
1619	Naltrexone Methobromide ARS

METHYLPHENIDATE

1631	Erythro-2-phenyl-2-(2-piperidyl) acetic acid HCl ARS
0019	Ethylphenidate HCl ARS
1576	Methylphenidate Erythro Isomer ARS
1572	Methylphenidate HCl ARS
1555	Methylphenidate HCl + RC ARS
1579	Threo- α -phenyl-2-piperidine acetic acid ARS

MORPHINE

1309	Apomorphine ARS
1319	Codeine Alkaloid ARS
7684	Dihydromorphine ARS
7685	Morphine Alkaloid ARS
1429	Morphine HCl ARS
1526	Morphine-N-Oxide ARS
1522	Morphine Sulfate ARS
7651	Morphinone Hydrochloride ARS
1525	Normorphine ARS
1524	Pseudomorphine ARS

NALBUPHINE

0917	2,2'-Bisnalbuphine ARS
3326	6-Ketonalbuphine Base ARS
1633	10-Ketonalbuphine HCl ARS
3314	Alpha Noroxymorphol ARS
0816	N-(cyclobutylcarbonyl)- α -noroxymorphol ARS
3307	Nalbuphine Base ARS
3311	Nalbuphine Beta Epimer Base ARS
3366	Nalbuphine HCl ARS

NALMEFENE

1602	N-(3-butenyl)Nalmefene HCl ARS
1608	Nalmefene Base ARS
1609	Nalmefene HCl ARS
4606	Naltrexone Base ARS

NALOXONE

0827	7,8-Didehydronaloxone ARS
1611	Naloxone Base ARS
1618	Naloxone HCl ARS
4606	Naltrexone Base ARS
5343	Noroxymorphone Base ARS

NALTREXONE

1476	3-Cyclopropylmethylnaltrexone ARS
1861	6-Alpha Naltrexol HCl ARS
1342	6-Beta Naltrexol HCl ARS
1311	6-Beta Naltrexol ARS
0827	7,8-Didehydronaloxone ARS
1412	10-Keto Naltrexone Base ARS
1475	N-(3-butenyl)Noroxymorphone HCl ARS
1437	N-Formyl Noroxymorphone ARS
4646	Naltrexone + RC ARS
4606	Naltrexone Base ARS
1477	Naltrexone HCl ARS
1619	Naltrexone Methobromide ARS
5343	Noroxymorphone Base ARS
0919	Pseudonaltrexone (2,2-Bis Naltrexone) ARS

NOSCAPINE

0901	Noscapine Base ARS
0900	Noscapine HCl ARS

OPIUM

0839	10-Hydroxythebaine ARS
1319	Codeine Alkaloid ARS
7684	Dihydromorphine ARS
0901	Noscapine Base ARS
0900	Noscapine HCl ARS
0353	Oripavine ARS
0912	Papaverine Base ARS
5877	Papaverine Hydrochloride ARS
0808	Thebaine Alkaloid ARS

OXYCODONE

1325	7,8-Dihydro-14-Hydroxycodone (6-Oxycodol) ARS
4548	10-Beta-Hydroxyoxycodone Base ARS
6685	10-Keto Oxycodone Base ARS
1405	14-Hydroxycodone ARS
8864	Noroxycodone Base ARS
5343	Noroxymorphone Base ARS
8862	Oxycodone Base ARS
0911	Oxycodone HCl ARS
8871	Oxycodone N-Oxide ARS
0808	Thebaine Alkaloid ARS

OXYMORPHONE

0883	1-Bromo Oxymorphone Base ARS
1312	6-Beta Oxymorphol Base ARS
2879	10-Alpha-Hydroxyoxymorphone Base ARS
0797	10-Keto Oxymorphone Base ARS
0871	14-Hydroxymorphinone HCl ARS
0818	2,2-Bisoxymorphone ARS
5343	Noroxymorphone Base ARS
0892	Oxymorphone HCl ARS
4926	Oxymorphone Hydrochloride +RC ARS
5275	Oxymorphone Base ARS
0854	Oxymorphone N-Oxide ARS

PEMOLINE

6999	5-Phenyl-oxazolidine-2,4-dione ARS
2508	Mandelamide ARS
3137	Mandelic Acid ARS
1501	Pemoline ARS

PROPOXYPHENE

1308	Acetoxyphe ARS
1212	d-Oxyphe ARS
1204	Propoxyphene + RC ARS
0914	Propoxyphene HCl ARS
0913	Propoxyphene Napsylate ARS

REMIFENTANYL

7528	Remifentanyl Hydrochloride ARS
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SUFENTANIL

1006	N-(2-Thien-2-ylethyl)-4-(Phenylamino)-4-(Hydroxymethyl) Piperidine ARS
1007	N-(2-Thien-2-ylethyl)-4-(Phenylamino)-4-(Methoxymethyl) Piperidine ARS (Despropionyl Sufentanil)
9995	N-(2-Thien-2-ylethyl)-4-(Phenylamino)-4-Piperidine Carbox (n-Methyl) Analide ARS
0806	Sufentanil Base ARS
0801	Sufentanil Citrate ARS
1053	Sufentanil Methylated Rearranged Step 4 ARS

TRAMADOL

3339	Mono-O-Desmethyiltramadol HCl ARS
1119	Tramadol HCl ARS

SOON TO BE RELEASED

3752	10-Ketonaloxone Base ARS
1630	Threo-2-phenyl-2-(2-piperidyl) acetamide ARS

These materials are works in progress. Some are available at this time as book and page materials which include qualitative analysis only:

6-Alpha-Oxymorphol Base
10-Ketobuprenorphine Base
10-Keto Naloxone Base
10-Alpha-Hydroxy-Oxycodone Base
10-Beta-Hydroxy-Oxymorphone Base
10-Alpha-Hydroxy-Naloxone Base
10-Beta-Hydroxy-Naloxone Base
10-Alpha-Hydroxy-Naltrexone Base
10-Beta-Hydroxy-Naltrexone Base
N-Benzylpropylhexedrine Hydrochloride