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# API and Controlled Substance Product Guide



Johnson Matthey has spent 200 years building an extensive range of opiates and controlled substances. Our heritage includes Macfarlan Smith Ltd, the world's leading manufacturer of opiate alkaloids. Additionally we specialise in other areas such as cannabinoids and synthetic stimulants. Our extensive experience in handling controlled substances gives us significant understanding of the critical issues surrounding these areas, as well as an excellent relationship with the relevant governing agencies such as the US Drug Enforcement Agency.

Our Controlled Substance and API Portfolio is supported by a global network of GMP facilities: West Deptford, NJ; Devens, MA; North Andover, MA; Edinburgh, UK and Annan, UK.

Controlled Substances	Regulatory Documentation	CAS number
Alfentanil HCl	CEP / USDMF / RoW DMF	70879-28-6
Amphetamine Aspartate	USDMF / Canada DMF	25333-81-7
Amphetamine Sulfate	USDMF / Canada DMF	60-13-9
Buprenorphine Base	CEP / USDMF / RoW DMF	52485-79-7
Buprenorphine HCl	CEP / USDMF / RoW DMF	53152-21-9
Calcium Oxybate	Please contact your Account Manager	82316-97-0
Cannabidiol	USDMF	13956-29-1
Cocaine HCl	CEP / Japan	53-21-4
Codeine Monohydrate	CEP / USDMF / European ASMF	6059-47-8
Codeine Phosphate	CEP / USDMF / RoW DMF	41444-62-6
Dexamethylphenidate HCl	USDMF / RoW DMF	19262-68-1
Dextroamphetamine Saccharate	USDMF / Canada DMF	51-64-9
Dextroamphetamine Sulfate	USDMF / Canada DMF	51-63-8
Diamorphine Base	European ASMF	561-27-3
Diamorphine HCl	European ASMF	1502-95-0
Difenoxin HCl	USDMF	28782-42-5
Dihydrocodeine Hydrogen Tartrate	CEP / RoW DMF / China DMF	5965-13-9
Diphenoxylate HCl	USDMF	3810-80-8
Fentanyl Base	CEP / USDMF / RoW DMF	437-38-7
Fentanyl Citrate	CEP / USDMF / RoW DMF	990-73-8
Fentanyl HCl	USDMF / CEP	1443-54-5
Hydrocodone Bitartrate	USDMF	34195-34-1
Hydromorphone HCl	CEP / USDMF / RoW DMF	71-68-1
Lisdexamfetamine Dimesylate	USDMF	608137-33-3
Magnesium Oxybate	Please contact your Account Manager	82316-98-1
Methamphetamine HCl	USDMF	51-57-0
Methylphenidate Base	USDMF	113-45-1
Methylphenidate HCl	CEP / USDMF / RoW DMF / Japan	298-59-9
Morphine HCl	CEP / RoW DMF	6055-06-7
Morphine Sulfate	CEP / USDMF / RoW DMF	6211-15-0
Nabilone	Canada DMF	51022-71-0
Opium Tincture	Technical Package Only	8008-60-4
Oxycodone Base	USDMF	76-42-6
Oxycodone HCl	CEP / USDMF / RoW DMF / China DMF / Korean DMF	124-90-3
Oxymorphone HCl	USDMF	357-07-3
Potassium Oxybate	Please contact your Account Manager	57769-01-4
Remifentanil HCl	USDMF / RoW DMF / Korean DMF	132539-07-2
Sodium Oxybate	USDMF	502-85-2
Sufentanil Base	USDMF / CEP	56030-54-7
Sufentanil Citrate	CEP / USDMF / RoW DMF	60561-17-3
THC in Ethanol	USDMF	1972-08-3
THC in Sesame Oil/Dronabinol	USDMF	1972-08-3



Johnson Matthey provides an extensive range of APIs. Our products cover a wide range of therapeutics classes, such as: anti-cancer, anti-rheumatic, addiction, psychiatric disorders and ophthalmic indications. Our APIs & Life Cycle Management offering combines innovative business models with collaborative process development to strengthen your products, while reducing your risk.

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API Portfolio	Regulatory Documentation	CAS number
Apomorphine HCl	CEP / USDMF / RoW DMF / Japan	41372-20-7
Atropine Sulfate	USDMF	5908-99-6
Auranofin	USDMF / Europe / Japan	34031-32-8
Carboplatin	USDMF / CEP / Japan	41575-94-4
Carmustine	USDMF	154-93-8
Cisplatin	USDMF	15663-27-1
Decitabine	USDMF	2353-33-5
Dofetilide	USDMF	115256-11-6
Edrophonium Chloride	USDMF	116-38-1
Isoproterenol HCl	USDMF	51-30-9
Lurasidone HCl	USDMF	367514-87-2
Miglustat	USDMF	72599-27-0
Naloxone HCl	CEP / USDMF / RoW DMF	51481-60-8
Nintedanib	USDMF	656247-18-6
Pirfenidone	USDMF	53179-13-8
Pomalidomide	USDMF	19171-19-8

In Development	Regulatory Documentation	CAS number
Baricitinib	Please contact your Account Manager	1187594-09-7
Lenalidomide	Please contact your Account Manager	191732-72-6
Relugolix	Please contact your Account Manager	737789-87-6
Selinexor	Please contact your Account Manager	1393477-72-9
Venetoclax	Please contact your Account Manager	1257044-40-8
Vismodegib	Please contact your Account Manager	879085-55-9
Voxelotor	Please contact your Account Manager	1446321-46-5

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