



Specialists in controlled substance development and manufacture

Supply-chain excellence, ultra-efficient API manufacture, and comprehensive regulatory approval enable Noramco to deliver a higher level of performance and value.



Controlled-substance solutions

Noramco focuses on supply-chain integration to produce world-class active pharmaceutical ingredients (APIs). The core of our portfolio is opioid-based products, which begins with patented poppies, and moves to innovative processing technology, to generate high-purity narcotic raw materials. These raw materials form the basis of robust intermediates and APIs for the pharmaceutical industry. From the field to pharmaceutical formulations, Noramco collaborates with customers at every step to produce controlled-substance APIs at the highest levels of purity, efficiency, and supply security.

Leveraging four decades of expertise in controlled-substance development and manufacture, we also support the advancement of non-opioid molecules. Today, we develop and produce a range of molecules to provide comprehensive controlled-substance solutions.

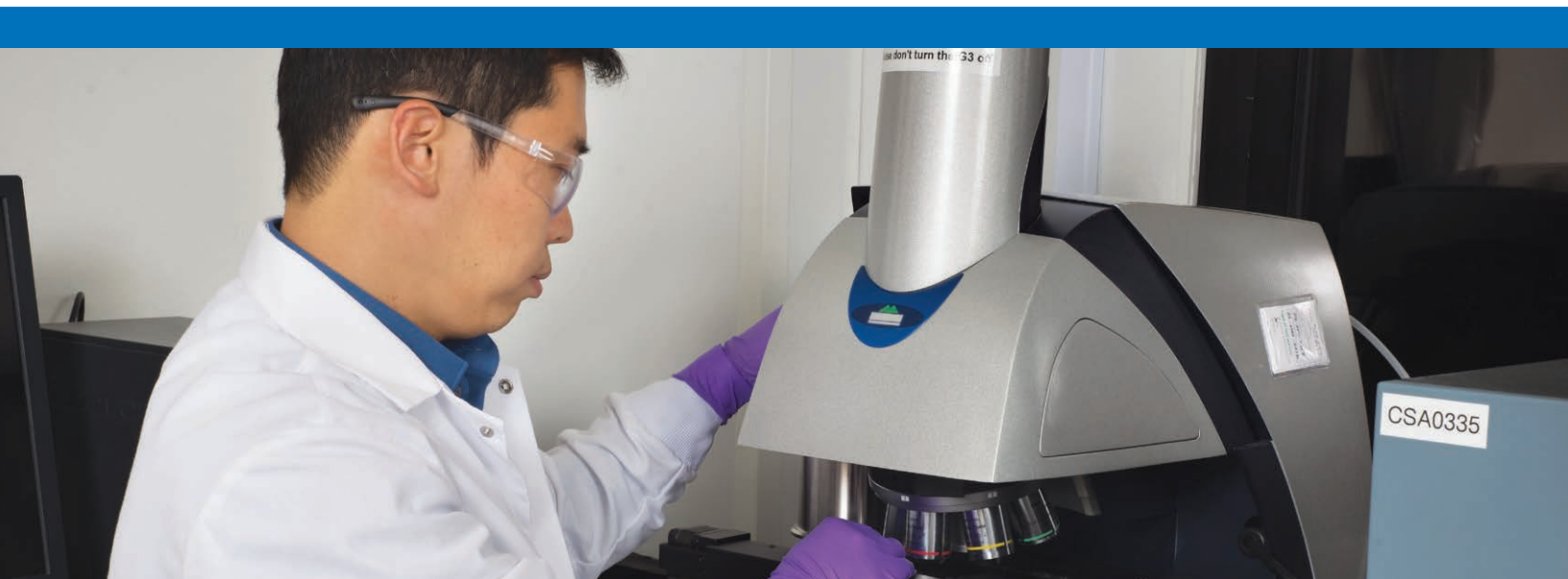
Excellence in manufacturing

From farming and extraction in Tasmania to FDA audited, cGMP production facilities in the United States and Europe, Noramco offers an unrivaled supply chain for high-purity, high performing APIs. It all begins with Tasmanian Alkaloids, the producer of patented varieties of *Papaver somniferum* poppies. We then forward integrate this agricultural operation to produce world-class narcotic raw materials and controlled-substance APIs. As a full-service solutions provider, Noramco provides both the DEA-compliant processes and production capacity to meet customer requirements in opioid and non-opioid products, from kilos to multi-ton supply.

Excellence in science

Nearly 40 years of expertise in controlled-substance API development and manufacturing form the basis of best-in-class science-based solutions for the pharmaceutical industry. We leverage our intellectual property and patents to devise the most efficient routes to APIs and to deliver products that better match the requirements of customers' commercial projects.

Noramco also provides analytical, chemical and physical properties support, stability studies and regulatory assistance to help customers advance their projects within tight time frames using quality by design methodologies.



Excellence in compliance

Work with a company that holds exemplary FDA, EDQM and DEA compliance records for controlled substances, from schedule I to schedule III. Our production facilities in Delaware and Georgia are fully registered, cGMP sites; OSHA VPP Star and ISO 14001 certified.

Active Pharmaceutical Ingredients

Products	Manufacturing Site	Filings [†]
Amphetamine Salts		
Amphetamine L-Aspartate	USA	USDMF
Amphetamine Sulfate	USA	USDMF
Dextroamphetamine Saccharate	USA	USDMF
Dextroamphetamine Sulfate	USA	USDMF
Buprenorphine Base	USA/Belgium	USDMF, CEP
Buprenorphine Hydrochloride*	USA/Belgium	USDMF, CEP
Codeine Phosphate*	USA/UK	USDMF, CEP
Fentanyl Base*	USA	USDMF
Hydrocodone Bitartrate	USA	USDMF
Hydromorphone Hydrochloride*	USA	USDMF, CEP
Methylphenidate Hydrochloride*	USA	USDMF, CEP
Morphine Sulfate*	USA	USDMF
Naloxone Hydrochloride*	UK	USDMF, CEP
Naltrexone Base	UK	USDMF
Naltrexone Hydrochloride*	UK	USDMF, CEP
Oxycodone Base*	USA	USDMF
Oxycodone Hydrochloride*	USA/UK	USDMF, CEP
Oxymorphone Hydrochloride*	USA	USDMF
Hydrocodone Base	USA	USDMF
Cannabidiol	TBD	TBD
Dronabinol	Europe	USDMF
Tapentadol Hydrochloride	USA	USDMF

Intermediates

Products	Manufacturing Site	Filings [†]
Oxymorphone Base	USA	Not Applicable
Noroxymorphone Base	Switzerland	Not Applicable

* Multiple particle sizes available. Please inquire.

† Other regional and country specific filings available. Please inquire.





Noramco Customer Service

Need help with product specifications, safety data sheets, packaging information, or USDMF and CEP filings? Require assistance with new or existing product orders? Contact our central customer service group by e-mail. Our team is ready to assist you with any information you require about Noramco's active pharmaceutical ingredients.

Contact us at info@noramco.com

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