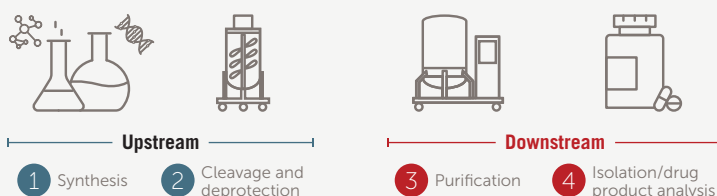


Oligonucleotide Manufacturing

End-to-end solutions to enable large-scale processing

As the oligonucleotide field grows and transitions from lab research to large-scale processes, unit operations become significantly more challenging. The need for ultra-high purity processing with sustainable yield that allows cost-effective commercialization requires partnering with suppliers who can help optimize your processes across the value chain.



ENTEGRIS' TRANSFORMATIVE SOLUTIONS

The life sciences industry depends on rapid innovation, high quality, and reliable supply at scale to provide life-sustaining and life-improving therapeutics for people around the world. By applying our expertise, we can provide useful solutions in every step of oligonucleotide manufacturing. As a single-source supplier, we enable ultra-high purity, high-yield processing that allows cost-effective commercialization of RNA therapeutics.

Fluid Management



Single-Use Assemblies

We deliver critical single-use solutions for protecting process quality, efficacy, and yield.



Corrosion-Resistant Solutions

Complete, leak-free, reliable fluid handling networks that maximize productivity, improve yields, and maintain product purity throughout the manufacturing process.

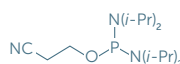
Pure Solvent Delivery



NOWPak® Liner-Based Canisters

Innovative, safe, high-purity liquid packaging and delivery systems designed to maintain safety and integrity of oligonucleotide raw materials.

Specialty and Fine Chemicals



Organophosphorous and Fine Chemicals

We accelerate the development, scale-up, and manufacture of oligonucleotide-based pharmaceutical actives.

Filtration and Purification



Contamination Control

As a leading expert in controlling particles and impurities, our solutions enable more rigorous control to improve sterile drug quality and reduce contamination risks.

Particle Characterization



Particle Count and Size Analysis

Our particle characterization solutions enable customers to measure and control particle size for effective lipid nanoparticle (LNP) delivery.

LEARN MORE

No other company has both the expertise and experience to provide transformative new solutions for your processes. Learn more at [entegris.com/life-sciences](https://www.entegris.com/life-sciences).



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