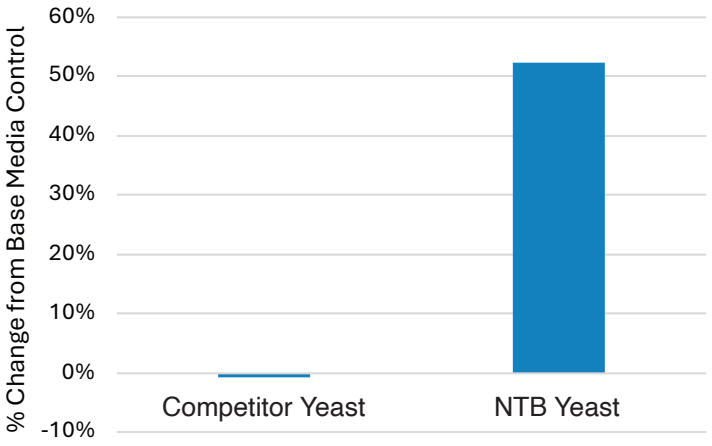
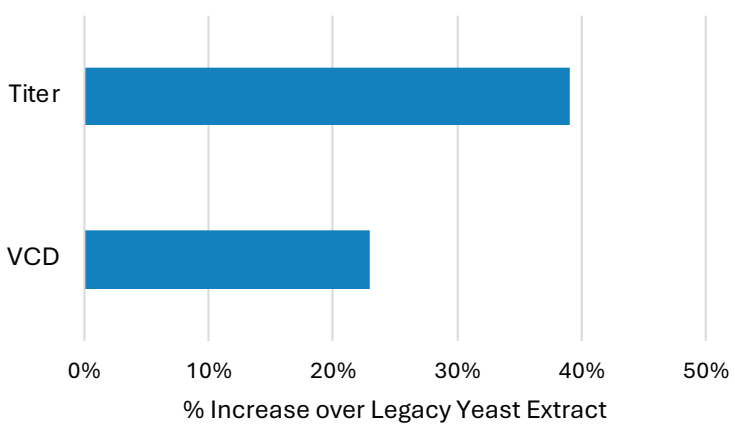
Nu-Tek Products
Strategic Use of Yeast Extracts in Cell Culture

Fueling Cells Animal Free





Comparison of *E.coli*-derived therapeutic protein production using Nu-Tek yeast extract (YE) or an alternative YE versus Base Media alone. Addition of optimized NTB YE increased target protein production >50%.

Comparison of CHO IgG production using Nu-Tek yeast extract (YE) vs alternative YE. Addition of optimized NTB YE increased viable cell density (VCD) >20% and IgG production >35%.

Biopharmaceutical and industrial fermentation teams continue to optimize culture media to achieve higher yields, tighter process control, and robust supply chains. Animal-origin-free yeast extracts offer a powerful way to bridge this gap. They deliver complex cellular nutrition without sacrificing process understanding or regulatory confidence.

Nu-Tek's yeast extracts and yeastolates are designed to complement or replace existing media nutrients by providing a rich, balanced profile of peptides, amino acids, vitamins, and minerals critical for a variety of cell lines. These extracts support improved cell health, higher productivity, and more consistent performance across development and commercial-scale bioprocessing platforms. Customers leveraging yeast extracts have reported increases in key outputs such as IgG titers, biomass yields, product quality and process stability. This can simplify media formulations and reduce development timelines.

Yeast extracts represent more than a performance enhancer. They are a strategic raw material choice. By integrating animal-origin-free yeast extracts into a company's bioprocessing toolkit, organizations can strengthen supply security, reduce regulatory and biosafety risk, and future-proof their media strategies.

Contact our Sales Team for more information about our product offerings, including sample requests, or scan this code:

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