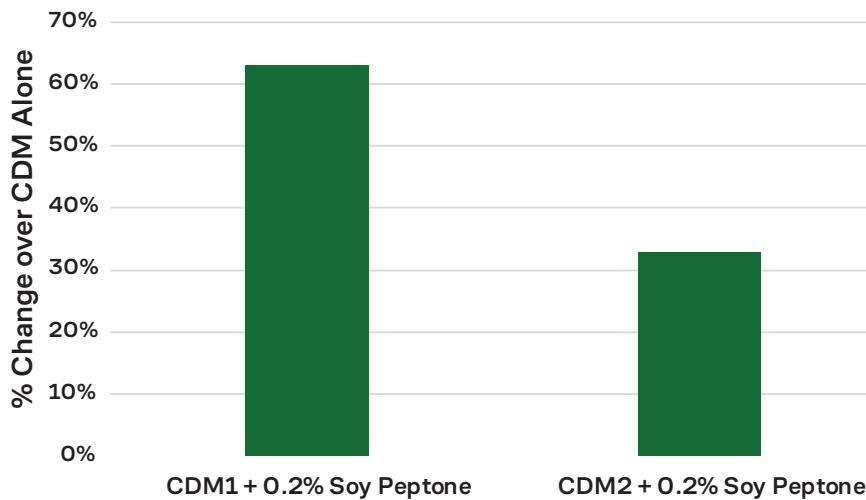


Nu-Tek Case Study Improving CD Media Titters with Nu-Tek Peptones

Impact of Peptone Supplementation on CHO IgG Titer



Comparison of CHO IgG production using Nu-Tek soy peptone addition to two different commercially available, chemically defined media (CDM) versus CDM alone. Addition of NTB soy peptone increased IgG production 30 – 60%.

Key Points

Biopharmaceutical companies often have a desire to transition to chemically defined media (CDM) to achieve maximum process control. Animal-free complex materials, peptones and yeast extracts, provide rich nutritional value that can augment CDM by enhancing key culture outputs such as titer. Customers have seen:

- 1 Increased IgG production** across multiple CDM formulations.
- 2 Simplified media manufacturing** through reduction in the media formulation complexity.
- 3 A fully secure, 100% animal-free** primary (or secondary) source for cell and fermentation nutrients.

Customers seeking to maximize productivity while mitigating quality and regulatory risks benefit from Nu-Tek’s Peptone and Yeast Extract product portfolio.

Contact our Sales Team for more information about our product offerings and capabilities, including sample requests:

Sales@nu-tekbioscience.com

