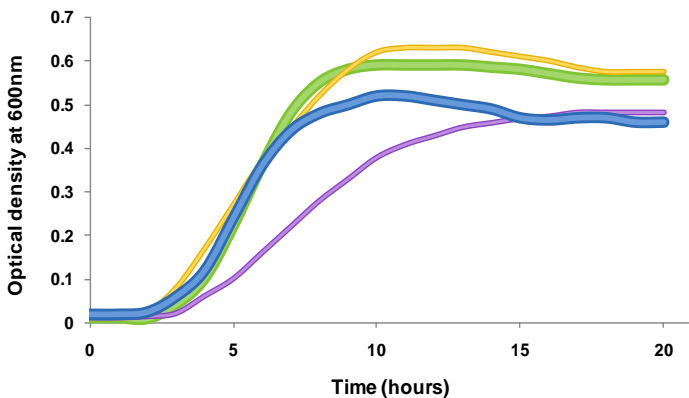


Your key ingredient for biotech success.

Closer than you think.

Bio Springer, global manufacturer of yeast extracts, can substantially increase your company's productivity and efficiency:

- We provide high-performance, animal free nutrients for biotech fermentation and cell culture
- Our yeast extracts provide the growth factors necessary for high productivity and viability
- Our new state-of-the-art plant in Cedar Rapids, IA, reinforces our commitment to US based customers
- Customers benefit from Bio Springer's expertise, consistency, and technical support.



Growth of microorganisms and cells

SPRINGER® high quality yeast extracts and peptones can efficiently replace animal and vegetal based nutrients for the growth of microorganisms, e.g. *E.coli*.

- Springer® 0207
- Meat peptone
- Combination of Springer® products
- Soy peptone

Products & Applications

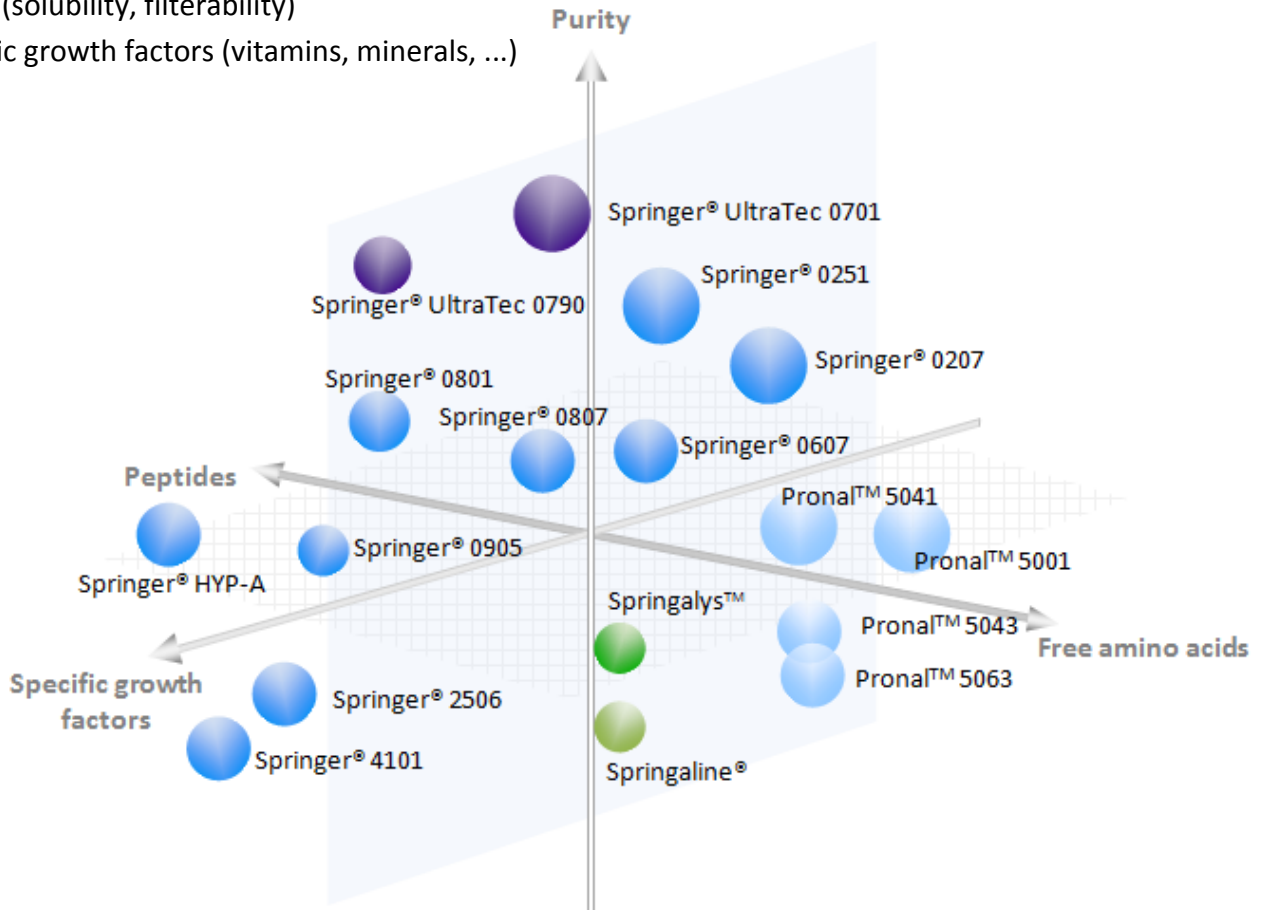
PRODUCTS	FEATURES	APPLICATIONS
Springer® 0207	High nutrient content	Microbiology media Dairy culture and bio ingredient manufacturing
Springer® 0607	US production Powder or liquid	Microbiology media Bio ingredient and probiotic bacteria
Springer® 0251	Rich in carbohydrates and growth factors	Preferred fermentation media for <i>E. coli</i> and vaccines
Springer® UltraTec 0701	Ultrafiltered, low endotoxin level	Cell culture
Springer® 2506	Rich in nucleotides	Probiotics and lactic acid bacteria
Pronal™	Brewer's yeast extract	Large-scale fermentation and environmental use
Springer® HYP-A	High peptide content	Probiotics and lactic acid bacteria

Bio Springer wide range of yeast extracts and peptones

Unique technology driven nutrients to meet customer's needs

Representation of Bio Springer's yeast derived nutrients, according to 3 of their main characteristics:

- Nitrogen form (free amino acids, peptides)
- Purity (solubility, filterability)
- Specific growth factors (vitamins, minerals, ...)



The expertise of a world leader at your service

- State-of-the-art technology
- Stringent quality control & assurance
- Commercial & clinical projects supported by our multiple production sites

Highly qualified Biotech Applications Laboratory

- Optimization of nitrogen sources of culture media
- Customization of fermentation processes
- Trouble shooting in fermentation processes
- Growth tests from laboratory to pilot scale

To learn more about how Bio Springer can collaborate successfully with you, contact us at 1-866-424-1158 or customer.service@biospringer-na.com



A LESAFFRE COMPANY