



ANIMAL EXTRACTS

ANIMAL EXTRACT POWDERS

THE PROLIANT WAY

Proliant Biologicals is the world's leader and most experienced manufacturer of animal derived proteins. Here at Proliant Biologicals, we understand the significance of first-class research and provide unparalleled media to assist in the growth of that research, one cell at a time. Proliant's consistency and unmatched attention to excellence in Good Manufacturing Practices ensures that our media products meet and exceed the exacting standards demanded by diagnostic, biopharmaceutical and research customers worldwide.



PROLIANT EXTRACT POWDERS

Proliant extract powders are prepared for use in microbiological culture media and are derived from the infusion of animal meat and serves as a strong source of nutrients. It is a mixture of peptides and amino acids, organic acids, nucleotide fractions, minerals and vitamins. Proliant products are not exposed to protein hydrolysis, a damaging treatment, allowing our products to provide a number of the nutrients eliminated during peptone manufacture. Our products are relied upon for a number of practices including biochemical studies, fermentation, and cell culture media.

FEATURES & BENEFITS

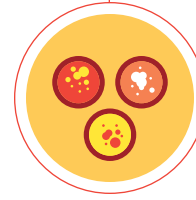
- + High Solubility
- + Readily Available
- + Consistent Protein Concentration
- + High Stability
- + Responsive Customer / Technical Services
- + Bacterial & Viral Reduction
- + Highly Cost Effective
- + USDA Inspected



QUALITY

Proliant's commitment to quality extends well beyond facility and process design. We maintain an extensive Quality Assurance team that is fully committed to documentation and statistical process control. Standard Operating Procedures are built into every step in the process, from raw materials, through processing, packaging, testing and process improvement, allowing us to meet international regulatory requirements, while transcending customer expectations. At Proliant, we are constantly providing innovations that not only improve our products, but help us to better serve the industry and our customers.

// **Standard Operating Procedures are built into every step of the process.**

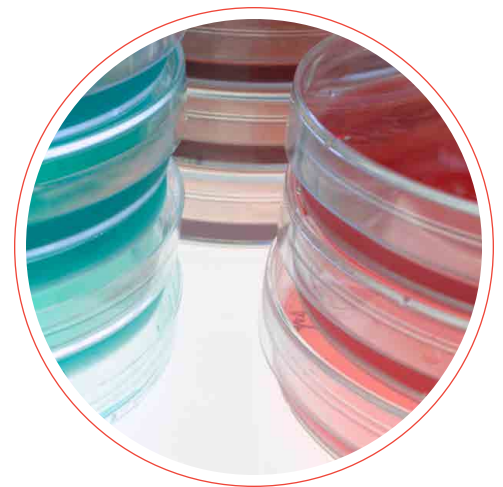


MICROBIOLOGICAL MEDIA

For the cultivation of heterotrophic organisms

APPLICATIONS

Proliant's extract powders are designed & created to replace the infusion of meat in microbiological culture media. The way our products are being used are growing on a daily basis, around the world. The most common applications for our media powders that our customers have found, are with conventional and diagnostic practices.



POWDERS

BEEF EXTRACT POWDERS

Proliant's beef extract powders are dehydrated extracts of bovine tissue that are prepared and standardized for use in microbiological research. Proliant's beef extract powders are highly soluble and provide nitrogen, amino acids, vitamins, and carbon, among other nutrients, for microbiological culture media. They have the ability to initiate bacterial growth from inocula and help to maintain the viability of culture over significant time periods.

APPLICATIONS

Proliant's beef extract powders are used for conventional cultivation or diagnostic practices and supply various nutrients for microbiological cell culture. These general and diagnostic practices include:

- + Growth of various bacterium, including *Salmonella* spp. & *Staphylococcus aureus*
- + Triple Sugar Iron (TSI) Agar
- + Wilson Blair Agar Base
- + Desoxycholate Citrate Lactose Sucrose (DCLS) Agar
- + Cysteine Lactose Electrolyte Deficient (CLEED) Agar
- + Various Nutrient Broths



PORK EXTRACT POWDERS

Proliant's pork extract powders are dehydrated extracts of porcine tissue. They are prepared and standardized for use in microbiological research and make for superior medium for the storage of aerobic and anaerobic bacteria as they do not destroy the inoculated organisms at a rapid rate. Proliant's pork extract powder supplies various nutrients and are used in preparing microbiological culture media.

APPLICATIONS

Proliant's pork extract powders are used for conventional and diagnostic practices and supply growth promoting nutrients for microbiological culture. These general and diagnostic uses include:

- + Growth of various bacterium, including *Enterobacteria* and *Staphylococci*
- + Immunohistochemistry
- + Various Nutrient Broths



CHICKEN EXTRACT POWDERS

Proliant's chicken extract powders are dehydrated extracts of chicken tissue. They are prepared and standardized for use in microbiological research. Chicken extract powder supplies various nutrients and are used in preparing microbiological culture media.

APPLICATIONS

Proliant's chicken extract powder can be used for conventional and diagnostic practices and supply growth promoting nutrients for microbiological culture media. These general and diagnostic uses include:

- + Growth of various bacterium, including *Escherichia coli*
- + Various Nutrient Broths

PROLIANT MEDIA

PRODUCTS *Please call or email us to discuss specifications*

Product	Species	SKU	Packaging
B1302 Spray-Dried Beef Powder	Bovine	51229	25 kg bags
B1304 Spray-Dried Beef Powder, Spinal Column Free	Bovine	12662	22.68 kg bags
P1302 Spray-Dried Pork Powder	Porcine	52562	22.68 kg bags
C1301 Spray-Dried Chicken Powder	Chicken	51215	22.68 kg bags





ABOUT PROLIANT BIOLOGICALS

Proliant Biologicals is part of the Proliant group of companies, leading manufacturers of protein ingredients for food, health, nutrition and biologicals. Founded in 1981, Proliant along with American Protein Corporation, BHJ Corporation and Boyer Valley Corporation are privately held companies of the Lauridsen Group Incorporated. With over \$1 billion in sales and over 50 locations worldwide, The Lauridsen Group serves human, veterinary and industrial applications with high quality, natural source proteins.

Proliant Biologicals manufactures and markets high purity plasma fractions. The company markets products into the diagnostic, veterinary, biopharmaceutical, and nutraceutical and life science research industries.



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