

Protein Polymer Technologies Inc. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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Abstracts

Protein Polymer Technologies Inc. Fundamental Company Report provides a complete overview of the company's affairs. All available data is presented in a comprehensive and easily accessed format. The report includes financial and SWOT information, industry analysis, opinions, estimates, plus annual and quarterly forecasts made by stock market experts. The report also enables direct comparison to be made between Protein Polymer Technologies Inc. and its competitors. This provides our Clients with a clear understanding of Protein Polymer Technologies Inc. position in the Industry.

The report contains detailed information about Protein Polymer Technologies Inc. that gives an unrivalled in-depth knowledge about internal business-environment of the company: data about the owners, senior executives, locations, subsidiaries, markets, products, and company history.

Another part of the report is a SWOT-analysis carried out for Protein Polymer Technologies Inc.. It involves specifying the objective of the company's business and identifies the different factors that are favorable and unfavorable to achieving that objective. SWOT-analysis helps to understand company's strengths, weaknesses, opportunities, and possible threats against it.

The Protein Polymer Technologies Inc. financial analysis covers the income statement and ratio trend-charts with balance sheets and cash flows presented on an annual and quarterly basis. The report outlines the main financial ratios pertaining to profitability, margin analysis, asset turnover, credit ratios, and

company's long-term solvency. This sort of company's information will assist and strengthen your company's decision-making processes.

In the part that describes Protein Polymer Technologies Inc. competitors and the industry in whole, the information about company's financial ratios is compared to those of its competitors and to the industry. The unique analysis of the market and company's competitors along with detailed information about the internal and external factors affecting the relevant industry will help to manage your business environment. Your company's business and sales activities will be boosted by gaining an insight into your competitors' businesses.

Also the report provides relevant news, an analysis of PR-activity, and stock price movements. The latter are correlated with pertinent news and press releases, and annual and quarterly forecasts are given by a variety of experts and market research firms. Such information creates your awareness about principal trends of Protein Polymer Technologies Inc. business.

About Protein Polymer Technologies Inc.

Protein Polymer Technologies, Inc., a biotechnology company, engages in the research, development, and production of bio-active devices to improve medical and surgical outcomes. Through its patented technology to produce proteins of unique design, biological, and physical product components are integrated to provide for optimized clinical performance.

The products that the company has targeted for development are based on a generation of biomaterials which have been designed to be recognized and accepted by human cells to aid in the natural process of bodily repair, (including the healing of tissue and the restoration or augmentation of its form and function) and to promote the regeneration of tissues.

The company, through its proprietary technology, produces high molecular weight polymers that could be processed into various material forms, such as gels, sponges, films, and fibers, with their physical strength and rate of resorption tailored to each potential product application. These polymers are constructed of the same amino acids as natural proteins found in the body.

Fundamental Protein Polymers

The company's primary products under development are based on protein polymers combining selected properties from two of the structural proteins found in nature: silk and elastin. The company also has created protein polymers based on repeating blocks of amino acids found in two other classes of structural proteins found in nature: collagen and keratin. The company focuses internally on developing protein polymers that are useful in products for: tissue augmentation, tissue adhesives and sealants, and drug delivery devices.

The company's internal product development efforts are targeted toward various markets based on a common biomaterials platform. These include: injectable disc nucleus for the treatment of injured or degenerated spinal discs, strong and fast-setting, resorbable surgical sealants for use in general and cardiovascular procedures following primary wound closure, adhesion barriers, and scaffolds for wound healing and tissue engineering. Other markets of interest include those for drug delivery devices.

Product Candidates and Markets

The company's protein polymer technology and materials have the potential to create products useful in various medical markets.

Surgical Tissue Sealants (STS): The company has developed surgical adhesives and sealants that are for the surgeon to use, and that combine the biocompatibility of fibrin glues (without the risks associated with use of blood-derived products) with the fast setting times of cyanoacrylates. A non-resorbable adhesive or sealant could only be used where the damaged tissues are not going to grow together. The company has demonstrated both the adhesive performance and the biocompatibility of its product formulations in preclinical studies, including resorption of the adhesive matrix in conjunction with the progression of wound healing.

Wound Healing & Tissue Regeneration: The market for wound care products is segmented, involving various different approaches to wound care. Products marketed and being developed by other parties includes fabric dressings (such as gauze), synthetic materials (such as polyurethane films), and biological materials (such as growth factors and living tissue skin graft substitutes).

The company has developed protein polymers that might be useful in the treatment of dermal wounds, particularly chronic wounds, such as decubitous ulcers, where both reconstruction of the extracellular matrix (ECM) and re-establishment of its function are

desired. These polymers, based on key ECM protein sequence blocks, are biocompatible, fully resorbable and have been processed into gels, sponges, films, and fibrous sheets. Additionally, such materials might serve as scaffolds for the ex vivo production of living tissue substitutes.

Urethral Bulking Agent (UBA) - Polymer 47K: UBA relieves female stress incontinence by injecting liquid that rapidly changes to long-lasting solid bulk to the tissue surrounding the urethra. The company's UBA injection procedure, an alternative to surgery, most often requires only one treatment. The UBA gel is resistant to migration. A human clinical feasibility study has been completed.

Collaborative and License Agreements

Spine Wave, Inc.: The company is a technology partner with Spine Wave, Inc. ('Spine Wave'). The company used its patented tissue adhesive technology to create Spine Wave's NuCore intervertebral disc repair material. It manufactured the NuCore material for Spine Wave's clinical trials. Spine Wave's NuCore Injectable Nucleus device, based on its patented tissue adhesive technology, is an injectable protein polymer formulation for repair of spinal discs damaged as a result of injury or aging. Spine Wave has enrolled patients in Degenerative Disc Disease and microdiscectomy studies of the NuCore Injectable Nucleus device in four countries: Switzerland, Australia, Germany and the United States.

Genencor International, Inc.: The company, in December 2000, signed a broad-based, worldwide exclusive license agreement with Genencor International, Inc. (Genencor) enabling Genencor, potentially, to develop various new products for industrial markets. In October 2002, the license agreement was amended to provide Genencor with an additional one-year option to initiate development in the field of non-medical personal care products. In March 2005, the license was amended to incorporate the field of personal care products into the license. As a result of the agreements, Genencor might use its patented protein polymer design and production technology.

Competition

The company competes with DuPont and BioElastics Research, Ltd.

History

Protein Polymer Technologies, Inc. was founded in 1988.

The above Company Fundamental Report is a half-ready report and contents are subject to change.

It means that we have all necessary data in our database to prepare the report but need **2-3 days** to complete it. During this time we are also updating the report with respect to the current moment. So, you can get all the most recent data available for the same price. Please note that preparation of additional types of analyses requires extra time.

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1 – Data availability depends on company's security policy.

2 – These sections are available only when you purchase a report with appropriate additional types of analyses.

The complete financial data is available for publicly traded companies.

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ANALYSIS FEATURES

SWOT Analysis

SWOT, which stands for Strengths, Weaknesses, Opportunities and Threats, is an analytical framework that identifies the internal and external factors that are favorable and unfavorable for a company.

Enhanced SWOT Analysis

Enhanced SWOT is a 3x3 grid that arranges strengths, weaknesses, opportunities and threats into one scheme:

How to use the strengths to take advantage of the opportunities?

How to use the strengths to reduce likelihood and impact of the threats?

How to overcome the weaknesses that obstruct taking advantage of the opportunities?

How to overcome the weaknesses that can make the threats a reality?

Upon answering these questions a company can develop a project plan to improve its business performance.

PESTEL Analysis

PESTEL (also termed as PESTLE) is an ideal tool to strategically analyze what influence different outside factors – political, economic, sociocultural, technological, environmental and legal – exert on a business to later chart its long term targets.

Being part of the external analysis when carrying out a strategic assessment or performing a market study, PESTEL gives an overview of diverse macro-environmental factors that any company should thoughtfully consider. By perceiving these outside environments, businesses can maximally benefit from the opportunities while minimizing the threats to the organization.

Key Factors Examined by PESTEL Analysis:

Political – What opportunities and pressures are brought by political bodies and what is the degree of public regulations' impact on the business?

Economic – What economic policies, trends and structures are expected to affect the organization, what is this influence's degree?

Sociological – What cultural and societal aspects will work upon the demand for the business's products and operations?

Technological – What impact do the technological aspects, innovations, incentives and barriers have on the organization?

Environmental – What environmental and ecological facets, both locally and farther afield, are likely to predetermine the business?

Legal – What laws and legislation will exert influence on the style the business is carried out?

IFE, EFE, IE Matrices

The Internal Factor Evaluation matrix (IFE matrix) is a strategic management tool helping audit or evaluate major weaknesses and strengths in a business's functional areas. In addition, IFE matrix serves as a basis for identifying and assessing relationships amongst those areas. The IFE matrix is utilised in strategy formulation.

The External Factor Evaluation matrix (EFE matrix) is a tool of strategic management that is typically utilised to assess current market conditions. It is an ideal instrument for visualising and prioritising the threats and opportunities a firm is facing.

The essential difference between the above mentioned matrices lies in the type of factors incorporated in the model; whilst the latter is engaged in internal factors, the former deals exceptionally with external factors – those exposed to social, political, economic, legal, etc. external forces.

Being a continuation of the EFE matrix and IFE matrix models, the Internal External matrix (IE matrix) rests upon an investigation of external and internal business factors

integrated into one suggestive model.

Porter Five Forces Analysis

The Porter's five forces analysis studies the industry of operation and helps the company find new sources of competitive advantage. The analysis surveys an industry through five major questions:

What composes a threat of substitute products and services?

Is there a threat of new competitors entering the market?

What is the intensity of competitive rivalry?

How big is the bargaining power of buyers?

How significant is the bargaining power of suppliers?

VRIO Analysis

VRIO stands for Value, Rarity, Imitability, Organization. This analysis helps to evaluate all company's resources and capabilities and bring them together into one aggregate table that includes:

Tangible resources

Financial

Physical

Technological

Organizational

Intangible resources

Human

Innovation and Creativity

Reputation

Organizational capabilities

The result of the analysis gives a clear picture of company's competitive and economic implications, answering the questions if the resources mentioned above are:

Valuable?

Rare?

Costly to imitate?

Organized properly?

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