

Nanosphere, Inc. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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Abstracts

Nanosphere, 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 Nanosphere, Inc. and its competitors. This provides our Clients with a clear understanding of Nanosphere, Inc. position in the [Pharmaceuticals and Biotechnology](#) Industry.

The report contains detailed information about Nanosphere, 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 Nanosphere, 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 Nanosphere, 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 Nanosphere, 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 Nanosphere, Inc. business.

About Nanosphere, Inc.

Nanosphere, Inc. develops, manufactures, and markets a molecular diagnostics platform, the Verigene System that enables genomic and protein testing on a single platform. The company is developing diagnostic tests for markers which reveal the existence of various medical conditions, including cardiovascular, respiratory, cancer, autoimmune, neurodegenerative and other infectious diseases, as well as for pharmacogenomics.

Products

The Verigene System is a bench-top molecular diagnostics workstation that is a universal platform for genomic and protein testing. The Verigene System provides for multiple tests to be performed on a single platform, including both genomic and protein assays.

The Verigene System comprises a microfluidics processor, a touchscreen reader, and disposable test cartridges. The microfluidics processor interacts with and manipulates various functional components of the test cartridge, accomplishing necessary steps, including target binding to the nucleic acid or protein array, nanoparticle probe hybridization, intermediate washes, and signal amplification. The reader houses the

optical detection module that illuminates the test slide and automated spot recognition software that analyzes the resulting signal intensities and provides the test results. The reader also serves as the control station for the Verigene System and features a touchscreen interface that allows users to track samples and test cartridges, initiate and monitor test processing, analyze results and generate reports. The reader is Web-enabled to allow remote access to results and reports.

Genomic Assays

Hyper-coagulation: The company's hyper-coagulation panel consists of a multiplex of three genetic markers. This test enables the direct detection of mutations associated with a pre-disposition to blood clots.

Warfarin Metabolism: The company's warfarin metabolism assay received clearance for use on the original Verigene System. Its warfarin metabolism panel detects three genetic markers that play a critical role in metabolizing warfarin and determining an individual's sensitivity to the drug.

Cystic Fibrosis: The company's cystic fibrosis assay received clearance for use on the original Verigene System. This assay provides a multiplex panel for the detection of mutations in the CFTR gene that contribute to a higher risk of cystic fibrosis. The company's direct detection method enables detection of each of the 23 CFTR gene mutations related to cystic fibrosis.

Respiratory Virus Panel: The company has received clearance for the commercial sale of its respiratory panel for use on the original Verigene System which detects the presence of influenza A and B, as well as respiratory syncytial virus (RSV) A and B. The company's respiratory panel provides physicians with determination of which virus is present which helps guide the appropriate therapy. It has received clearance of its second generation respiratory panel for use on the Verigene SP. It also received clearance for a label change for this assay confirming that the H1N1 virus is detected as a positive Influenza A when using clinical isolates running its respiratory assay on the Verigene SP.

Hereditary Hemochromatosis (HFE): The company has submitted 510(k) for its HFE assay for use on the original Verigene System. Mutations in the HFE gene are associated with hemochromatosis, which is the cause of iron overload disease.

Cytochrome P450 2C19: The company's 2C19 assay is for the detection of mutations

that lead to deficiency in the metabolism of clopidogrel, commonly known by the trade name Plavix. Clopidogrel is metabolized through the Cytochrome P-450 family of genes.

Blood Stream Infection: The company is developing three blood stream infection panels for the earlier determination of specific bacterium present within patients with blood stream infections. Under development are gram positive, gram negative and fungal panels. These assays are designed to enable physicians to pinpoint bacterial strains infecting patients and thus prescribe the most appropriate antibiotic regimen within the first 24 hours rather than after several days.

Protein Assays

The company's initial assay development efforts are focused on the earlier detection of disease through application of its ultra-sensitive protein detection technology to existing biomarkers. The following assays are in development:

Cardiac Troponin I: The first ultra-sensitive protein test the company intends to commercialize is for cardiac troponin I (cTnI), which is the gold standard biomarker for diagnosis of the occurrence of myocardial infarction or heart attack and identification of patients at risk for acute coronary syndrome. This assay is for the detection of cTnI in patients suspected of having cardiovascular disease. Troponin I is a protein that is found in cardiac muscle and is released when the heart is injured, for instance during a myocardial infarction.

Prostate Specific Antigen — Recurrent Prostate Cancer: This assay is designed to detect a recurrence of prostate cancer following prostate removal, a standard treatment for prostate cancer.

Connective-tissue: The company is developing a multiplexed protein test for the detection of rheumatoid arthritis, lupus and other connective tissue diseases. This assay combines the testing for multiple proteins on a single cartridge with higher sensitivity that enables earlier detection of disease. Additionally, the company has proprietary biomarkers in research.

Biomarker Validation: The company is also applying its ultra-sensitive protein detection methods to the development of tests for both established protein biomarkers, as well as the validation of protein targets that may lead to earlier detection of medical conditions, including in the areas of autoimmune diseases, allergies, cancers, and neurodegenerative disorders.

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.
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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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