

# Calcium Phosphate Market To Reach USD 974.6 Million By 2027 | Reports and Data

*Calcium Phosphate Market Size – USD 640.2 Million in 2018, Calcium Phosphate Market Growth - CAGR of 4.7%*

NEW YORK CITY, NEW YORK, UNITED STATES, March 24, 2020 /EINPresswire.com/ -- The Global Calcium Phosphate market is forecast to reach USD 974.6 Million by 2027, according to a new report by Reports and Data. Calcium phosphates have a chemical formula of  $\text{Ca}_3(\text{PO}_4)_2$ , which belongs to a group of bioactive synthetic materials. Tricalcium Phosphate, hydroxyapatite are some of the commonly used types of this biomaterial. It witnesses high application in orthopedics and dentistry due to its crystallographic structures, osteoconductivity, and similarity of chemical composition to skeletal tissue. It displays a positive interaction with living tissue that also comprises of differentiation of

immature cells towards bone cells. Its excellent biological properties has resulted in its wide acceptance in the healthcare sector. Continuous emphasis on R&D activities is also positively impacting the growth of the industry.

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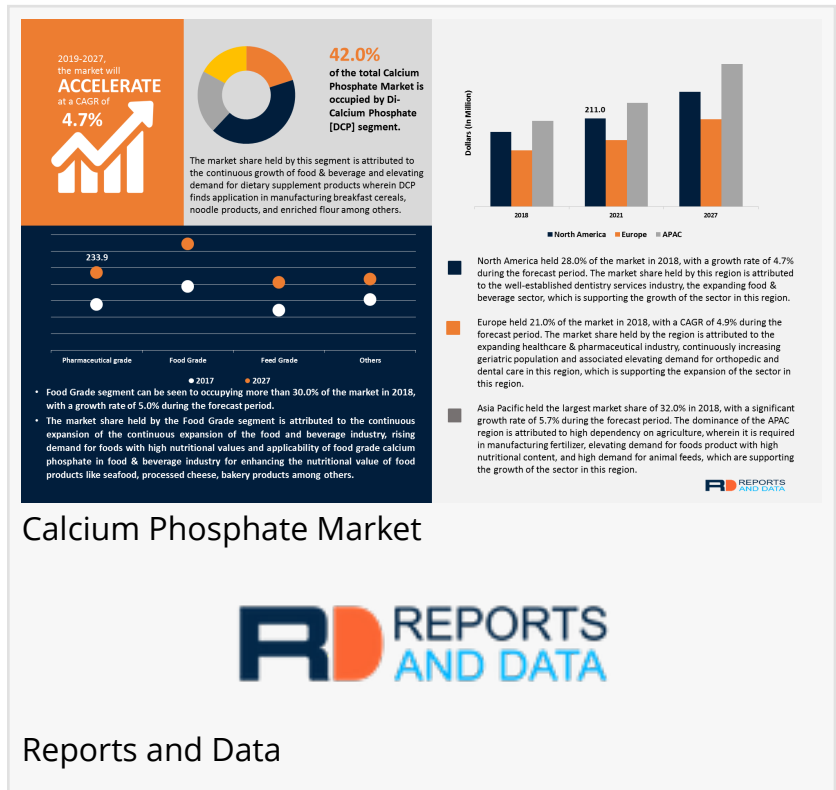
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In a recent study published in 2019, the focus was given on mineralization of calcium phosphate in bone tissues directly observed in aqueous liquid by atmospheric SEM in the absence of staining. Thus, such continuous emphasis on R&D activities opens new avenues for the expansion of this industry. Factors like the continuous expansion of the food & beverage industry and elevating demand for calcium phosphate in drug formulations are also fostering the growth of the sector. In regards to region, North America can be seen to occupy a considerable share of the sector. The market share held by this region is attributed to the well-established dentistry services industry, the expanding food & beverage sector, which is supporting the growth of the sector in this region.

Further key findings from the report suggest

- The Calcium Phosphate market held a market share of USD 640.2 Million in the year 2018 that is forecasted to grow at a rate of 4.7% during the forecast period.

- In context to Grade, the Feed Grade segment is projected to witness a significant growth rate of 5.2% during the forecast period, which is expected to hold 21.0% of the market by 2027. The growth rate witnessed by the Feed Grade segment is attributed to rising awareness among pet owners and dairy farmers about the importance of providing the animal with required nutrients for ascertaining their health and enhanced livestock productivity, which is contributing to



growing demand of food grade calcium phosphate, contributing to the growth rate witnessed by this segment.

- In context to Product Type, the Di-Calcium Phosphate [DCP] segment held the largest market share of more than 40.0% in 2018, with a CAGR of 4.8% during the forecast period. The market share held by this segment is attributed to the continuous growth of food & beverage and elevating demand for dietary supplement products wherein DCP finds application in manufacturing breakfast cereals, noodle products, and enriched flour, contributing to the market share held by this segment. Continuous expansion of the pharmaceutical sector and the use of DCP in this industry as a tableting agent in certain preparations also contributes to the market share held by this segment.

- In regards to Application, the Food & beverages segment occupied the largest market share of 28.0% in 2018, with a CAGR of 5.1% during the forecast period. The dominance of the Food & beverages segment is attributed to the continuous expansion of the food and beverage industry, rising demand for foods with high nutritional values and applicability of food grade calcium phosphate in food & beverage industry for enhancing the nutritional value of food products like seafood, processed cheese, bakery products among other, which contributes to the market share held by this segment

- In regards to the region, Europe held 21.0% of the market in 2018, with a CAGR of 4.9% during the forecast period. The market share held by the region is attributed to the expanding healthcare & pharmaceutical industry, continuously increasing geriatric population and associated elevating demand for orthopedic and dental care in this region, which is supporting the expansion of the sector in this region.

- Key participants include A. B. Enterprises, Advance Inorganics, Powder Pack Chemicals, Triveni Chemicals, Chemicals Chamber, Oasis Fine Chemicals, Prayer Chemische, Merck Millipore, Mosaic, and Fabrik Budenheim.

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For the purpose of this report, Reports and Data have segmented the global Calcium Phosphate market according to Product Type, Grade, Application, and Region:

Product Type Outlook (Volume, Kilo Tons; Revenue, USD Million; 2016-2027)

- Monocalcium Phosphate [MCP]

- Di-Calcium Phosphate [DCP]

- Tricalcium Phosphate

- Calcium Acid Pyrophosphate

Grade Outlook (Volume, Kilo Tons; Revenue, USD Million; 2016-2027)

- Pharmaceutical grade

- Food Grade

- Feed Grade

- Others

Application Outlook (Volume, Kilo Tons; Revenue, USD Million; 2016-2027)

- Food & beverages

- Pharmaceutical

- Agriculture

- Animal feed

- Others

Regional Outlook (Volume, Kilo Tons; Revenue, USD Million; 2016-2027)

- North America

  - o U.S

  - Europe

  - o U.K

  - o France

- Asia Pacific

  - o China

  - o India

  - o Japan

- MEA

- Latin America

oBrazil

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