Chitosan Market Estimates And Trend Analysis By Application (Water Treatment, Pharmaceutical & Biomedical, Cosmetics, Food & Beverage), By Region (North America, Europe, Asia Pacific, RoW), By Country, And Segment Forecasts, 2014 - 2025

Description: The global chitosan market is expected to reach USD 17.84 billion by 2025. Chitosan market demand is primarily driven by factors including raw material availability, price, and product quality. Rising application scope of the product as an eco-friendly compound in waste water treatment, textile and agrochemical industry is expected to propel demand over the projected period.

Chitosan is a one of the most abundantly available biopolymers and is primarily obtained from shrimp shell waste disposed of by the fishery industry. As a result, integration with fishery industries in order to source raw material is the key factor promoting growth. In addition, abundant availability coupled with low cost of the raw materials is expected to propel demand.

The market was initially dominated by Japanese companies over the past few years. However, other Asian countries including China and India are expected to witness significant growth owing to increasing number of new market players.

The majority of the compound produced lacked purity, which is essential primarily in the pharmaceutical and medical industry, which is expected to hamper growth over the forecast period. In addition, low production volumes and high product cost associated with high purity chitosan are expected to compel manufacturers for product innovation and capacity expansion.

Further key findings from the report suggest:

Water treatment is expected to grow at a CAGR over 17% from 2016 to 2025, owing to its high demand for removal of metals and chemicals from wastewater including pesticides, surfactants, phenol and polychlorinated biphenyls

The demand for the compound in food & beverage application in Europe was valued over 290 Million in 2015 and is expected to grow at significant rate owing to rising demand for wine processing industry

In North America, cosmetics was the largest application segment for the product with the market value over USD 1.42 billion in 2015 and is likely to grow owing to the rising demand for bio-derived personal care products


Contents:

1 Research Methodology
1.1 Research Methodology
1.2 Research Scope & Assumptions
1.3 List of Data Sources

2 Executive Summary

3 Chitosan Industry Outlook
3.1 Chitosan market segmentation
3.2 Chitosan market size and growth prospects, 2014 - 2025
3.3 Chitosan - Value chain analysis
3.3.1 Vendor landscape
3.4 Raw material outlook
3.5 Technology overview
3.6 Regulatory framework
3.7 Chitosan market dynamics
3.7.1 Market driver analysis
3.7.1.1 Abundant availability of raw materials
3.7.1.2 Rising application scope in cosmetics industry
3.7.1.3 Increasing demand for pharmaceutical sector
3.7.2 Market restraint analysis
3.7.2.1 Lack of purity
3.7.2.2 High cost
3.8 Chitosan key opportunities prioritized
3.9 Chitosan Porter’s Analysis
3.10 Chitosan competitive scenario, 2015
3.11 Chitosan PESTEL analysis, 2015

4 Chitosan Application Outlook
4.1 Global chitosan market volume share by application, 2015 & 2025
4.2 Water treatment
4.2.1 Global chitosan estimates and forecast in water treatment, 2014 - 2025 (Tons) (USD Million)
4.2.2 Global chitosan estimates and forecast in water treatment, by region, 2014 - 2025 (Tons) (USD Million)
4.3 Pharmaceutical & biomedical
4.3.1 Global chitosan estimates and forecast in pharmaceutical & biomedical, 2014 - 2025 (Tons) (USD Million)
4.3.2 Global chitosan estimates and forecast in pharmaceutical & biomedical, 2014 - 2025 (Tons) (USD Million)
4.4 Cosmetics
4.4.1 Global chitosan estimates and forecast in cosmetics, 2014 - 2025 (Tons) (USD Million)
4.4.2 Global chitosan estimates and forecast in cosmetics, 2014 - 2025 (Tons) (USD Million)
4.5 Food & beverage
4.5.1 Global chitosan estimates and forecast in food & beverage, 2014 - 2025 (Tons) (USD Million)
4.5.2 Global chitosan estimates and forecast in food & beverage, 2014 - 2025 (Tons) (USD Million)
4.6 Others
4.6.1 Global chitosan estimates and forecast in other applications, 2014 - 2025 (Tons) (USD Million)
4.6.2 Global chitosan estimates and forecast in other applications, 2014 - 2025 (Tons) (USD Million)

5 Chitosan Regional Outlook
5.1 Global chitosan market revenue by region, 2015 & 2025
5.2 North America
5.2.1 North America chitosan market estimates and forecast, 2014 - 2025 (Tons) (USD Million)
5.2.2 North America chitosan market estimates and forecast, by application, 2014 - 2025 (Tons) (USD Million)
5.2.3 U.S.
5.2.3.1 U.S. chitosan market estimates and forecast, 2014 - 2025 (Tons) (USD Million)
5.2.3.2 U.S. chitosan market estimates and forecast, by application, 2014 - 2025 (Tons) (USD Million)
5.2.4 Canada
5.2.4.1 Canada chitosan market estimates and forecast, 2014 - 2025 (Tons) (USD Million)
5.2.4.2 Canada chitosan market estimates and forecast, by application, 2014 - 2025 (Tons) (USD Million)
5.3 Europe
5.3.1 Europe chitosan market estimates and forecast, 2014 - 2025 (Tons) (USD Million)
5.3.2 Europe chitosan market estimates and forecast, by application, 2014 - 2025 (Tons) (USD Million)
5.3.3 Germany
5.3.3.1 Germany chitosan market estimates and forecast, 2014 - 2025 (Tons) (USD Million)
5.3.3.2 Germany chitosan market estimates and forecast, by application, 2014 - 2025 (Tons) (USD Million)
5.3.4 UK
5.3.4.1 UK chitosan market estimates and forecast, 2014 - 2025 (Tons) (USD Million)
5.3.4.2 UK chitosan market estimates and forecast, by application, 2014 - 2025 (Tons) (USD Million)
5.4 Japan
5.4.1 Japan chitosan market estimates and forecast, 2014 - 2025 (Tons) (USD Million)
5.4.2 Japan chitosan market estimates and forecast, by application, 2014 - 2025 (Tons) (USD Million)
5.5 Asia Pacific
5.5.1 Asia Pacific chitosan market estimates and forecast, 2014 - 2025 (Tons) (USD Million)
5.5.2 Asia Pacific chitosan market estimates and forecast, by application, 2014 - 2025 (Tons) (USD Million)
5.5.3 China
5.5.3.1 China chitosan market estimates and forecast, 2014 - 2025 (Tons) (USD Million)
5.5.3.2 China chitosan market estimates and forecast, by application, 2014 - 2025 (Tons) (USD Million)
5.5.4 India
5.5.4.1 India chitosan market estimates and forecast, 2014 - 2025 (Tons) (USD Million)
5.5.4.2 India chitosan market estimates and forecast, by application, 2014 - 2025 (Tons) (USD Million)
5.6 Rest of the world
5.6.1 RoW chitosan market estimates and forecast, 2014 - 2025 (Tons) (USD Million)
5.6.2 RoW chitosan market estimates and forecast, by application, 2014 - 2025 (Tons) (USD Million)

6 Competitive Landscape
6.1 Qingdao Yunzhou Biochemistry Co.
6.1.1 Company Overview
6.1.2 Financial Performance
6.1.3 Product Benchmarking
6.1.4 Strategic Initiatives
6.2 Panvo Organics Pvt. Ltd.
6.2.1 Company Overview
6.2.2 Financial Performance
6.2.3 Product Benchmarking
6.3 Advanced Biopolymers AS
6.3.1 Company Overview
6.3.2 Financial Performance
6.3.3 Product Benchmarking
6.4 Meron Biopolymers
6.4.1 Company Overview
6.4.2 Financial Performance
6.4.3 Product Benchmarking
6.5 Biophrame Technologies
6.5.1 Company Overview
6.5.2 Financial Performance
6.5.3 Product Benchmarking
6.6 United Chitotechnologies Inc.
6.6.1 Company Overview
6.6.2 Financial Performance
6.6.3 Product Benchmarking
6.7 Heppe Medical Chitosan GmbH
6.7.1 Company Overview
6.7.2 Financial Performance
6.7.3 Product Benchmarking
6.8 KitoZyme S.A
6.8.1 Company Overview
6.8.2 Financial Performance
6.8.3 Product Benchmarking
6.8.4 Strategic Initiatives
6.9 Kraeber & Co. GmbH
6.9.1 Company Overview
6.9.2 Financial Performance
6.9.3 Product Benchmarking
6.9.4 Strategic Initiatives
6.10 Foodchem International Corporation
6.10.1 Company Overview
6.10.2 Financial Performance
6.10.3 Product Benchmarking
6.11 Chitosanlab
6.11.1 Company Overview
6.11.2 Financial Performance
6.11.3 Product Benchmarking
6.12 FMC Corporation
6.12.1 Company Overview
6.12.2 Financial Performance
6.12.3 Product Benchmarking
6.13 Golden-Shell Pharmaceutical Co. Ltd.
6.13.1 Company Overview
6.13.2 Financial Performance
6.13.3 Product Benchmarking
6.14 Primex EHF
6.14.1 Company Overview
6.14.2 Financial Performance
6.14.3 Product Benchmarking
6.15 Nano3Bio
6.15.1 Company Overview
6.15.2 Financial Performance
6.15.3 Product Benchmarking
6.16 Koyo World (Hong Kong) Co. Ltd.
6.16.1 Company Overview
6.16.2 Financial Performance
6.16.3 Product Benchmarking
6.17.1 Company Overview
6.17.2 Financial Performance
6.17.3 Product Benchmarking
6.17.4 Strategic Initiatives
6.18 KYTOSAN LLC
6.18.1 Company Overview
6.18.2 Financial Performance
6.18.3 Product Benchmarking

List of Tables

Table 1 Chitosan Market - Industry Summary & Key Buying Criteria
Table 2 Global chitosan market estimates and forecast, 2014 - 2025 (Tons) (USD Million)
Table 3 Global chitosan market volume, by region, 2014 - 2025 (Tons)
Table 4 Global chitosan market revenue, by region, 2014 - 2025 (USD Million)
Table 5 Global chitosan market volume, by application, 2014 - 2025 (Tons)
Table 6 Global chitosan market revenue, by application, 2014 - 2025 (USD Million)
Table 7 Vendor landscape
Table 8 Chitosan- Key market driver analysis
Table 9 Chitosan- Key restraint driver analysis
Table 10 Global chitosan estimates and forecast in water treatment, 2014 - 2025 (Tons) (USD Million)
Table 11 Global chitosan market volume in water treatment, by region, 2014 - 2025 (Tons)
Table 12 Global chitosan market revenue, by region, 2014 - 2025 (USD Million)
Table 13 Global chitosan estimates and forecast in pharmaceutical & biomedical, 2014 - 2025 (Tons) (USD Million)
Table 14 Global chitosan estimates and forecast in pharmaceutical & biomedical, by region, 2014 - 2025 (Tons)
Table 15 Global chitosan estimates and forecast in pharmaceutical & biomedical, by region, 2014 - 2025 (USD Million)
Table 16 Global chitosan estimates and forecast in cosmetics, 2014 - 2025 (Tons) (USD Million)
Table 17 Global chitosan estimates and forecast in cosmetics, by region, 2014 - 2025 (Tons)
Table 18 Global chitosan estimates and forecast in cosmetics, by region, 2014 - 2025 (USD Million)
Table 19 Global chitosan estimates and forecast in food & beverage, 2014 - 2025 (Tons) (USD Million)
Table 20 Global chitosan estimates and forecast in food & beverage, by region, 2014 - 2025 (Tons)
Table 21 Global chitosan estimates and forecast in food & beverage, by region, 2014 - 2025 (USD Million)
Table 22 Global chitosan estimates and forecast in other applications, 2014 - 2025 (Tons) (USD Million)
Table 23 Global chitosan estimates and forecast in other applications, by region, 2014 - 2025 (Tons)
Table 24 Global chitosan estimates and forecast in other applications, by region, 2014 - 2025 (USD Million)
Table 25 North America chitosan market volume and revenue, 2014 - 2025 (Tons) (USD Million)
Table 26 North America chitosan market volume, by application, 2014 - 2025 (Tons)
Table 27 North America chitosan market revenue, by application, 2014 - 2025 (USD Million)
Table 28 U.S. chitosan market volume and revenue, 2014 - 2025 (Tons) (USD Million)
Table 29 U.S. chitosan market volume, by application, 2014 - 2025 (Tons)
Table 30 U.S. chitosan market revenue, by application, 2014 - 2025 (USD Million)
Table 31 Canada chitosan market volume and revenue, 2014 - 2025 (Tons) (USD Million)
Table 32 Canada chitosan market volume, by application, 2014 - 2025 (Tons)
Table 33 Canada chitosan market revenue, by application, 2014 - 2025 (USD Million)
Table 34 Europe chitosan market volume and revenue, 2014 - 2025 (Tons) (USD Million)
Table 35 Europe chitosan market volume, by application, 2014 - 2025 (Tons)
Table 36 Europe chitosan market revenue, by application, 2014 - 2025 (USD Million)
Table 37 Germany chitosan market volume and revenue, 2014 - 2025 (Tons) (USD Million)
Table 38 Germany chitosan market volume, by application, 2014 - 2025 (Tons)
Table 39 Germany chitosan market revenue, by application, 2014 - 2025 (USD Million)
Table 40 UK chitosan market volume and revenue, 2014 - 2025 (Tons) (USD Million)
Table 41 UK chitosan market volume, by application, 2014 - 2025 (Tons)
Table 42 UK chitosan market revenue, by application, 2014 - 2025 (USD Million)
Table 43 Japan chitosan market volume and revenue, 2014 - 2025 (Tons) (USD Million)
Table 44 Japan chitosan market volume, by application, 2014 - 2025 (Tons)
Table 45 Japan chitosan market revenue, by application, 2014 - 2025 (USD Million)
Table 46 Asia Pacific chitosan market volume and revenue, 2014 - 2025 (Tons) (USD Million)
Table 47 Asia Pacific chitosan market volume, by application, 2014 - 2025 (Tons)
Table 48 Asia Pacific chitosan market revenue, by application, 2014 - 2025 (USD Million)
Table 49 China chitosan market volume and revenue, 2014 - 2025 (Tons) (USD Million)
Table 50 China chitosan market volume, by application, 2014 - 2025 (Tons)
Table 51 China chitosan market revenue, by application, 2014 - 2025 (USD Million)
Table 52 India chitosan market volume and revenue, 2014 - 2025 (Tons) (USD Million)
Table 53 India chitosan market volume, by application, 2014 - 2025 (Tons)
Table 54 India chitosan market revenue, by application, 2014 - 2025 (USD Million)
Table 55 RoW chitosan market volume and revenue, 2014 - 2025 (Tons) (USD Million)
Table 56 RoW chitosan market volume, by application, 2014 - 2025 (Tons)
Table 57 RoW chitosan market revenue, by application, 2014 - 2025 (USD Million)

List of Figures

Figure 1 Chitosan market segmentation
Figure 2 Global chitosan market volume and revenue, 2014 - 2025 (Tons) (USD Million)
Figure 3 Chitosan - Value chain analysis
Figure 5 Chitosan market dynamics
Figure 6 Chitosan key opportunities prioritized
Figure 7 Chitosan Porter's analysis
Figure 8 Chitosan PESTEL analysis
Figure 9 Global chitosan market volume share by application, 2015 & 2025
Figure 10 Global chitosan market revenue by region, 2015 & 2025

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