

North America D-Galacturonic Acid Market by Manufacturers, Countries, Type and Application, Forecast to 2023

<https://marketpublishers.com/r/NE5DECE189DEN.html>

Date: April 2018

Pages: 109

Price: US\$ 4,480.00 (Single User License)

ID: NE5DECE189DEN

Abstracts

D-Galacturonic acid is a sugar acid, an oxidized form of D-galactose. It is the main component of pectin, in which it exists as the polymer polygalacturonic acid.[1] In its open form, it has an aldehyde group at C1 and a carboxylic acid group at C6. Other oxidized forms of D-galactose are D-galactonic acid (carboxylic group at C1) and meso-galactaric acid (mucic acid) (carboxylic groups at C1 and C6). It is also a uronic acid or hexuronic acid. Naturally occurring uronic acids are D-glucuronic acid, D-galacturonic acid, L-iduronic acid and D-mannuronic acid.

Scope of the Report:

This report focuses on the D-Galacturonic Acid in North America market, especially in United States, Canada and Mexico. This report categorizes the market based on manufacturers, countries, type and application.

Market Segment by Manufacturers, this report covers

Cosun

Sigma-Aldrich

TCI

Market Segment by Countries, covering

Industrial Grade

Reagent Grade

Market Segment by Type, covers

Lab Use

Chemical Industry

Personal Care

Others

Market Segment by Applications, can be divided into

Lab Use

Chemical Industry

Personal Care

Others

There are 15 Chapters to deeply display the North America D-Galacturonic Acid market.

Chapter 1, to describe D-Galacturonic Acid Introduction, product type and application, market overview, market analysis by countries, market opportunities, market risk, market driving force;

Chapter 2, to analyze the manufacturers of D-Galacturonic Acid, with profile, main business, news, sales, price, revenue and market share in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with profile, main business, news, sales, price, revenue and market share in 2016 and 2017;

Chapter 4, to show the North America market by countries, covering United States,

Canada and Mexico, with sales, revenue and market share of D-Galacturonic Acid, for each country, from 2013 to 2018;

Chapter 5 and 6, to show the market by type and application, with sales, price, revenue, market share and growth rate by type, application, from 2013 to 2018;

Chapter 7, 8 and 9, to analyze the segment market in United States, Canada and Mexico, by manufacturers, type and application, with sales, price, revenue and market share by manufacturers, types and applications;

Chapter 10, D-Galacturonic Acid market forecast, by countries, type and application, with sales, price and revenue, from 2018 to 2023;

Chapter 11, to analyze the manufacturing cost, key raw materials and manufacturing process etc.

Chapter 12, to analyze the industrial chain, sourcing strategy and downstream end users (buyers);

Chapter 13, to describe sales channel, distributors, traders, dealers etc.

Chapter 14 and 15, to describe D-Galacturonic Acid Research Findings and Conclusion, Appendix, methodology and data source

Contents

1 MARKET OVERVIEW

- 1.1 D-Galacturonic Acid Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 Industrial Grade
 - 1.2.2 Reagent Grade
- 1.3 Market Analysis by Applications
 - 1.3.1 Lab Use
 - 1.3.2 Chemical Industry
 - 1.3.3 Personal Care
 - 1.3.4 Others
- 1.4 Market Analysis by Countries
 - 1.4.1 United States Status and Prospect (2013-2023)
 - 1.4.2 Mexico Status and Prospect (2013-2023)
 - 1.4.3 Canada Status and Prospect (2013-2023)
- 1.5 Market Dynamics
 - 1.5.1 Market Opportunities
 - 1.5.2 Market Risk
 - 1.5.3 Market Driving Force

2 MANUFACTURERS PROFILES

- 2.1 Cosun
 - 2.1.1 Business Overview
 - 2.1.2 D-Galacturonic Acid Type and Applications
 - 2.1.2.1 Type
 - 2.1.2.2 Type
 - 2.1.3 Cosun D-Galacturonic Acid Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.2 Sigma-Aldrich
 - 2.2.1 Business Overview
 - 2.2.2 D-Galacturonic Acid Type and Applications
 - 2.2.2.1 Type
 - 2.2.2.2 Type
 - 2.2.3 Sigma-Aldrich D-Galacturonic Acid Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.3 TCI

2.3.1 Business Overview

2.3.2 D-Galacturonic Acid Type and Applications

2.3.2.1 Type

2.3.2.2 Type

2.3.3 TCI D-Galacturonic Acid Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

3 NORTH AMERICA D-GALACTURONIC ACID MARKET COMPETITION, BY MANUFACTURER

3.1 North America D-Galacturonic Acid Sales and Market Share by Manufacturer (2016-2017)

3.1.1 North America D-Galacturonic Acid Sales by Manufacturer (2016-2017)

3.1.2 North America D-Galacturonic Acid Sales Market Share by Manufacturer (2016-2017)

3.2 North America D-Galacturonic Acid Revenue and Market Share by Manufacturer (2016-2017)

3.2.1 North America D-Galacturonic Acid Revenue by Manufacturer (2016-2017)

3.2.2 North America D-Galacturonic Acid Revenue Market Share by Manufacturer (2016-2017)

3.3 North America D-Galacturonic Acid Price by Manufacturers (2016-2017)

3.4 Market Concentration Rate

3.4.1 Top 3 D-Galacturonic Acid Manufacturer Market Share (2016-2017)

3.4.2 Top 5 D-Galacturonic Acid Manufacturer Market Share (2016-2017)

3.5 Market Competition Trend

4 NORTH AMERICA D-GALACTURONIC ACID MARKET ANALYSIS BY COUNTRIES

4.1 North America D-Galacturonic Acid Sales and Market Share by Countries (2013-2018)

4.1.1 North America D-Galacturonic Acid Sales by Countries (2013-2018)

4.1.2 North America D-Galacturonic Acid Sales Market Share by Countries (2013-2018)

4.2 North America D-Galacturonic Acid Revenue (Value) and Market Share by Countries (2013-2018)

4.2.1 North America D-Galacturonic Acid Revenue by Countries (2013-2018)

4.2.2 North America D-Galacturonic Acid Revenue Market Share by Countries (2013-2018)

5 NORTH AMERICA MARKET SEGMENTATION D-GALACTURONIC ACID BY TYPE

5.1 North America D-Galacturonic Acid Sales, Revenue and Market Share by Type (2013-2018)

5.1.1 North America D-Galacturonic Acid Sales and Market Share by Type (2013-2018)

5.1.2 North America D-Galacturonic Acid Revenue and Market Share by Type (2013-2018)

5.2 Type 1 Sales Growth Rate and Price

5.2 Industrial Grade Sales Growth and Price

5.2.1 North America Industrial Grade Sales Growth (2013-2018)

5.2.2 North America Industrial Grade Price (2013-2018)

5.3 Reagent Grade Sales Growth and Price

5.3.1 North America Reagent Grade Sales Growth (2013-2018)

5.3.2 North America Reagent Grade Price (2013-2018)

6 NORTH AMERICA MARKET SEGMENTATION D-GALACTURONIC ACID BY APPLICATION

6.1 North America D-Galacturonic Acid Sales Market Share by Application (2013-2018)

6.2 Lab Use Sales Growth (2013-2018)

6.3 Chemical Industry Sales Growth (2013-2018)

6.4 Personal Care Sales Growth (2013-2018)

6.5 Others Sales Growth (2013-2018)

7 UNITED STATES D-GALACTURONIC ACID SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

7.1 United States D-Galacturonic Acid Revenue, Sales and Growth Rate (2013-2018)

7.2 United States D-Galacturonic Acid Sales and Market Share by Type

7.2.1 United States D-Galacturonic Acid Sales by Type (2013-2018)

7.2.2 United States D-Galacturonic Acid Sales Market Share by Type (2013-2018)

7.3 United States D-Galacturonic Acid Sales and Market Share by Application (2013-2018)

7.3.1 United States D-Galacturonic Acid Sales by Application (2013-2018)

7.3.2 United States D-Galacturonic Acid Sales Market Share by Application (2013-2018)

7.4 United States D-Galacturonic Acid Sales, Revenue and Market Share by

Manufacturer (2016-2017)

7.4.1 United States D-Galacturonic Acid Sales and Market Share by Manufacturer (2016-2017)

7.4.2 United States D-Galacturonic Acid Revenue and Market Share by Manufacturer (2016-2017)

7.5 United States D-Galacturonic Acid Export and Import (2013-2018)

8 CANADA D-GALACTURONIC ACID SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

8.1 Canada D-Galacturonic Acid Revenue, Sales and Growth Rate (2013-2018)

8.2 Canada D-Galacturonic Acid Sales and Market Share by Type (2013-2018)

8.2.1 Canada D-Galacturonic Acid Sales by Type (2013-2018)

8.2.2 Canada D-Galacturonic Acid Sales Market Share by Type (2013-2018)

8.3 Canada D-Galacturonic Acid Sales and Market Share by Application (2013-2018)

8.3.1 Canada D-Galacturonic Acid Sales by Application (2013-2018)

8.3.2 Canada D-Galacturonic Acid Sales Market Share by Application (2013-2018)

8.4 Canada D-Galacturonic Acid Sales, Revenue and Market Share by Manufacturer (2016-2017)

8.4.1 Canada D-Galacturonic Acid Sales and Market Share by Manufacturer (2016-2017)

8.4.2 Canada D-Galacturonic Acid Revenue and Market Share by Manufacturer (2016-2017)

8.5 Canada D-Galacturonic Acid Export and Import (2013-2018)

9 MEXICO D-GALACTURONIC ACID SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

9.1 Mexico D-Galacturonic Acid Revenue, Sales and Growth Rate (2013-2018)

9.2 Mexico D-Galacturonic Acid Sales and Market Share by Type (2013-2018)

9.2.1 Mexico D-Galacturonic Acid Sales by Type (2013-2018)

9.2.2 Mexico D-Galacturonic Acid Sales Market Share by Type (2013-2018)

9.3 Mexico D-Galacturonic Acid Sales and Market Share by Application (2013-2018)

9.3.1 Mexico D-Galacturonic Acid Sales by Application (2013-2018)

9.3.2 Mexico D-Galacturonic Acid Sales Market Share by Application (2013-2018)

9.4 Mexico D-Galacturonic Acid Sales, Revenue and Market Share by Manufacturer (2016-2017)

9.4.1 Mexico D-Galacturonic Acid Sales and Market Share by Manufacturer (2016-2017)

9.4.2 Mexico D-Galacturonic Acid Revenue and Market Share by Manufacturer (2016-2017)

9.5 Mexico D-Galacturonic Acid Export and Import (2013-2018)

10 D-GALACTURONIC ACID MARKET FORECAST (2018-2023)

10.1 North America D-Galacturonic Acid Sales, Revenue and Growth Rate (2018-2023)

10.2 D-Galacturonic Acid Market Forecast by Countries (2018-2023)

10.2.1 North America D-Galacturonic Acid Sales Forecast by Countries (2018-2023)

10.2.2 United States D-Galacturonic Acid Forecast (2018-2023)

10.2.3 Canada D-Galacturonic Acid Forecast (2018-2023)

10.2.4 Mexico D-Galacturonic Acid Forecast (2018-2023)

10.3 D-Galacturonic Acid Market Forecast by Type (2018-2023)

10.3.1 North America D-Galacturonic Acid Sales Forecast by Type (2018-2023)

10.3.2 North America D-Galacturonic Acid Market Share Forecast by Type (2018-2023)

10.4 D-Galacturonic Acid Market Forecast by Application (2018-2023)

10.4.1 North America D-Galacturonic Acid Sales Forecast by Application (2018-2023)

10.4.2 North America D-Galacturonic Acid Market Share Forecast by Application (2018-2023)

11 D-GALACTURONIC ACID MANUFACTURING COST ANALYSIS

11.1 D-Galacturonic Acid Key Raw Materials Analysis

11.1.1 Key Raw Materials

11.1.2 Price Trend of Key Raw Materials

11.1.3 Key Suppliers of Raw Materials

11.1.4 Market Concentration Rate of Raw Materials

11.2 Proportion of Manufacturing Cost Structure

11.2.1 Raw Materials

11.2.2 Labor Cost

11.2.3 Manufacturing Expenses

11.3 Manufacturing Process Analysis of D-Galacturonic Acid

12 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

12.1 D-Galacturonic Acid Industrial Chain Analysis

12.2 Upstream Raw Materials Sourcing

12.3 Raw Materials Sources of D-Galacturonic Acid Major Manufacturers in 2017

12.4 Downstream Buyers

13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

13.1 Sales Channel

13.1.1 Direct Marketing

13.1.2 Indirect Marketing

13.1.3 Marketing Channel Future Trend

13.2 Distributors, Traders and Dealers

14 RESEARCH FINDINGS AND CONCLUSION

15 APPENDIX

15.1 Methodology

15.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure D-Galacturonic Acid Picture

Table Product Specifications of D-Galacturonic Acid

Figure North America Sales Market Share of D-Galacturonic Acid by Types in 2017

Table Types of D-Galacturonic Acid

Figure Industrial Grade Picture

Figure Reagent Grade Picture

Figure North America D-Galacturonic Acid Sales Market Share by Applications in 2017

Table Applications of D-Galacturonic Acid

Figure Lab Use Picture

Figure Chemical Industry Picture

Figure Personal Care Picture

Figure Others Picture

Figure United States D-Galacturonic Acid Revenue (Million USD) and Growth Rate (2013-2023)

Figure Mexico D-Galacturonic Acid Revenue (Million USD) and Growth Rate (2013-2023)

Figure Canada D-Galacturonic Acid Revenue (Million USD) and Growth Rate (2013-2023)

Table Cosun Basic Information, Manufacturing Base and Competitors

Table Cosun D-Galacturonic Acid Type and Applications

Table Cosun D-Galacturonic Acid Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Sigma-Aldrich Basic Information, Manufacturing Base and Competitors

Table Sigma-Aldrich D-Galacturonic Acid Type and Applications

Table Sigma-Aldrich D-Galacturonic Acid Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table TCI Basic Information, Manufacturing Base and Competitors

Table TCI D-Galacturonic Acid Type and Applications

Table TCI D-Galacturonic Acid Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table North America D-Galacturonic Acid Sales by Manufacturer (2016-2017)

Table North America D-Galacturonic Acid Sales Market Share by Manufacturer (2016-2017)

Figure North America D-Galacturonic Acid Sales Market Share by Manufacturer in 2016

Figure North America D-Galacturonic Acid Sales Market Share by Manufacturer in 2017

Table North America D-Galacturonic Acid Revenue by Manufacturer (2016-2017)

Table North America D-Galacturonic Acid Revenue Market Share by Manufacturer (2016-2017)

Figure North America D-Galacturonic Acid Revenue Market Share by Manufacturer in 2016

Figure North America D-Galacturonic Acid Revenue Market Share by Manufacturer in 2017

Table North America D-Galacturonic Acid Price by Manufacturers (2016-2017)

Figure Top 3 D-Galacturonic Acid Manufacturer Market Share in 2016

Figure Top 3 D-Galacturonic Acid Manufacturer Market Share in 2017

Figure Top 5 D-Galacturonic Acid Manufacturer Market Share in 2016

Figure Top 5 D-Galacturonic Acid Manufacturer Market Share in 2017

Table North America D-Galacturonic Acid Sales by Countries (2013-2018)

Figure North America D-Galacturonic Acid Sales and Growth Rate (2013-2018)

Table North America D-Galacturonic Acid Sales Market Share by Countries (2013-2018)

Figure North America 2013 D-Galacturonic Acid Sales Market Share by Countries

Figure North America 2017 D-Galacturonic Acid Sales Market Share by Countries

Table North America D-Galacturonic Acid Revenue by Countries (2013-2018)

Figure North America D-Galacturonic Acid Revenue and Growth Rate (2013-2018)

Table North America D-Galacturonic Acid Revenue Market Share by Countries (2013-2018)

Figure North America 2013 D-Galacturonic Acid Revenue Market Share by Countries

Figure North America 2017 D-Galacturonic Acid Revenue Market Share by Countries

Table North America D-Galacturonic Acid Sales by Type (2013-2018)

Table North America D-Galacturonic Acid Sales Share by Type (2013-2018)

Table North America D-Galacturonic Acid Revenue by Type (2013-2018)

Table North America D-Galacturonic Acid Revenue Share by Type (2013-2018)

Figure North America Industrial Grade Sales Growth (2013-2018)

Figure North America Industrial Grade Price (2013-2018)

Figure North America Reagent Grade Sales Growth (2013-2018)

Figure North America Reagent Grade Price (2013-2018)

Table North America D-Galacturonic Acid Sales by Application (2013-2018)

Table North America D-Galacturonic Acid Sales Share by Application (2013-2018)

Figure North America Lab Use Sales Growth (2013-2018)

Figure North America Chemical Industry Sales Growth (2013-2018)

Figure North America Personal Care Sales Growth (2013-2018)

Figure North America Others Sales Growth (2013-2018)

Figure United States D-Galacturonic Acid Revenue and Growth Rate (2013-2018)

Figure United States D-Galacturonic Acid Sales and Growth Rate (2013-2018)

Table United States D-Galacturonic Acid Sales by Type (2013-2018)

Table United States D-Galacturonic Acid Sales Market Share by Type (2013-2018)

Table United States D-Galacturonic Acid Sales by Application (2013-2018)

Table United States D-Galacturonic Acid Sales Market Share by Application
(2013-2018)

Table United States D-Galacturonic Acid Sales by Manufacturer (2016-2017)

Figure United States D-Galacturonic Acid Sales Market Share by Manufacturer in 2016

Figure United States D-Galacturonic Acid Sales Market Share by Manufacturer in 2017

Table United States D-Galacturonic Acid Revenue by Manufacturer (2016-2017)

Figure United States D-Galacturonic Acid Revenue Market Share by Manufacturer in
2016

Figure United States D-Galacturonic Acid Revenue Market Share by Manufacturer in
2017

Table United States D-Galacturonic Acid Export and Import (2013-2018)

Figure Canada D-Galacturonic Acid Revenue and Growth Rate (2013-2018)

Figure Canada D-Galacturonic Acid Sales and Growth Rate (2013-2018)

Table Canada D-Galacturonic Acid Sales by Type (2013-2018)

Table Canada D-Galacturonic Acid Sales Market Share by Type (2013-2018)

Table Canada D-Galacturonic Acid Sales by Application (2013-2018)

Table Canada D-Galacturonic Acid Sales Market Share by Application (2013-2018)

Table Canada D-Galacturonic Acid Sales by Manufacturer (2016-2017)

Figure Canada D-Galacturonic Acid Sales Market Share by Manufacturer in 2016

Figure Canada D-Galacturonic Acid Sales Market Share by Manufacturer in 2017

Table Canada D-Galacturonic Acid Revenue by Manufacturer (2016-2017)

Figure Canada D-Galacturonic Acid Revenue Market Share by Manufacturer in 2016

Figure Canada D-Galacturonic Acid Revenue Market Share by Manufacturer in 2017

Table Canada D-Galacturonic Acid Export and Import (2013-2018)

Figure Mexico D-Galacturonic Acid Revenue and Growth Rate (2013-2018)

Figure Mexico D-Galacturonic Acid Sales and Growth Rate (2013-2018)

Table Mexico D-Galacturonic Acid Sales by Type (2013-2018)

Table Mexico D-Galacturonic Acid Sales Market Share by Type (2013-2018)

Table Mexico D-Galacturonic Acid Sales by Application (2013-2018)

Table Mexico D-Galacturonic Acid Sales Market Share by Application (2013-2018)

Table Mexico D-Galacturonic Acid Sales by Manufacturer (2016-2017)

Figure Mexico D-Galacturonic Acid Sales Market Share by Manufacturer in 2016

Figure Mexico D-Galacturonic Acid Sales Market Share by Manufacturer in 2017

Table Mexico D-Galacturonic Acid Revenue by Manufacturer (2016-2017)

Figure Mexico D-Galacturonic Acid Revenue Market Share by Manufacturer in 2016

Figure Mexico D-Galacturonic Acid Revenue Market Share by Manufacturer in 2017

Table Mexico D-Galacturonic Acid Export and Import (2013-2018)

Figure North America D-Galacturonic Acid Sales, Revenue and Growth Rate
(2018-2023)

Table North America D-Galacturonic Acid Sales Forecast by Countries (2018-2023)

Table North America D-Galacturonic Acid Market Share Forecast by Countries
(2018-2023)

Figure United States D-Galacturonic Acid Sales Forecast (2018-2023)

Figure Canada D-Galacturonic Acid Sales Forecast (2018-2023)

Figure Mexico D-Galacturonic Acid Sales Forecast (2018-2023)

Table North America D-Galacturonic Acid Sales Forecast by Type (2018-2023)

Table North America D-Galacturonic Acid Market Share Forecast by Type (2018-2023)

Table North America D-Galacturonic Acid Sales Forecast by Application (2018-2023)

Table North America D-Galacturonic Acid Market Share Forecast by Application
(2018-2023)

Table Sales Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of D-Galacturonic Acid

Figure Manufacturing Process Analysis of D-Galacturonic Acid

Figure D-Galacturonic Acid Industrial Chain Analysis

Table Raw Materials Sources of D-Galacturonic Acid Major Manufacturers in 2017

Table Major Buyers of D-Galacturonic Acid

Table Distributors/Traders/ Dealers List

I would like to order

Product name: North America D-Galacturonic Acid Market by Manufacturers, Countries, Type and Application, Forecast to 2023

Product link: <https://marketpublishers.com/r/NE5DECE189DEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/NE5DECE189DEN.html>