

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Alcohol Dehydrogenase Market 2018, Forecast to 2023

https://marketpublishers.com/r/GE27AF30A03EN.html

Date: July 2018

Pages: 135

Price: US\$ 4,880.00 (Single User License)

ID: GE27AF30A03EN

Abstracts

Alcohol dehydrogenase (ADH), part of the oxidoreductase family, catalyzes the oxidation of alcohols, using NAD+ or NADP+ as the electron acceptor (White and White 1997). The reaction is reversible and substrates can be a variety of primary or secondary alcohols, and hemiacetals. Alcohol dehydrogenases are present in most organisms.

SCOPE OF THE REPORT:

This report focuses on the Alcohol Dehydrogenase in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. The United States Alcohol Dehydrogenase industry has a high concentration. The major Players are concentrated in USA, such as Sigma-Aldrich, Worthington Biochemical, Alfa Aesar, Roche Diagnostics. At present, Sigma-Aldrich is the leader in United States market, holding 22.8% market share in 2016.

The United States consumption of Alcohol Dehydrogenase increases from 393 K Pcs in 2012 to 401K Pcs in 2016, with a stable state. In 2016, the United States Alcohol Dehydrogenase consumption market is led by The West of United States accounting for about 30% of United States consumption of Alcohol Dehydrogenase.

Alcohol Dehydrogenase downstream is mainly used in scientific research. The Alcohol Dehydrogenase market is mainly driven by growing demand for Alcohol Concentration Detection. Alcohol Concentration Detection accounts for nearly 63% of total downstream consumption of Alcohol Dehydrogenase in United States.

Alcohol Dehydrogenase can be mainly divided into 7.5 KU, 15 KU, 30 KU, 75 KU, and 150 KU. 15 KU Level captures about 37% of Alcohol Dehydrogenase market in 2016.



United States market is expected to witness stable growth on account of rising applications, so in the next few years, Alcohol Dehydrogenase consumption trend will Keep this level in the next few years. In 2022 the consumption of Alcohol Dehydrogenase is estimated to be 423 K Pcs. On product prices, the slow downward trend in recent years will maintain in the future.

The worldwide market for Alcohol Dehydrogenase is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Sigma-Aldrich

Worthington Biochemical

Alfa Aesar

Roche Diagnostics

MAK Wood

OYC Americas

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

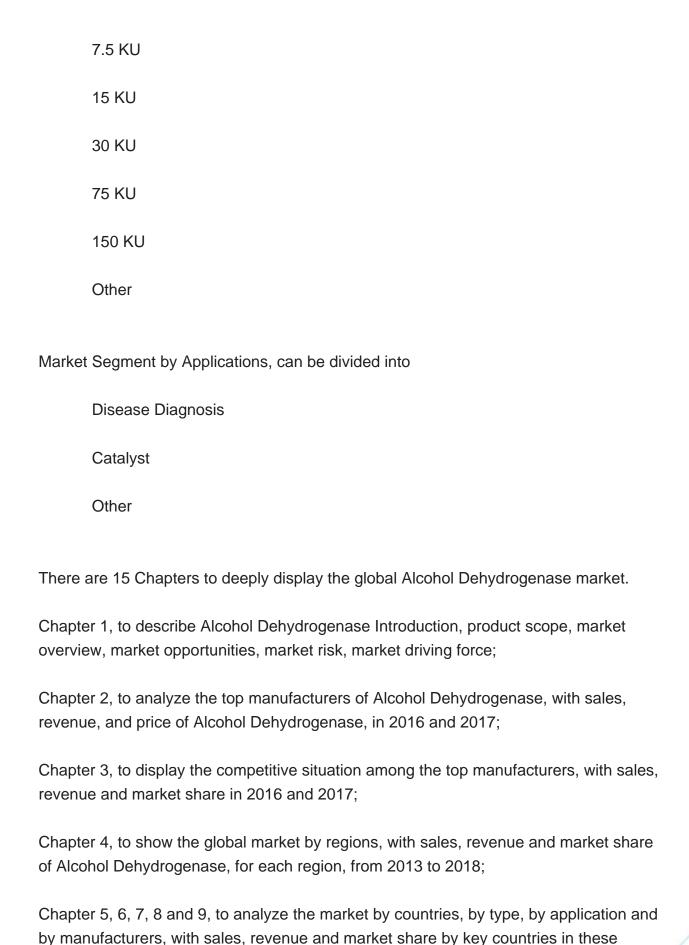
Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers





Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Alcohol Dehydrogenase Mark...

regions;



Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Alcohol Dehydrogenase market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Alcohol Dehydrogenase sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source



Contents

1 MARKET OVERVIEW

- 1.1 Alcohol Dehydrogenase Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 7.5 KU
 - 1.2.2 15 KU
 - 1.2.3 30 KU
 - 1.2.4 75 KU
 - 1.2.5 150 KU
 - 1.2.6 Other
- 1.3 Market Analysis by Applications
- 1.3.1 Disease Diagnosis
- 1.3.2 Catalyst
- 1.3.3 Other
- 1.4 Market Analysis by Regions
 - 1.4.1 North America (United States, Canada and Mexico)
 - 1.4.1.1 United States Market States and Outlook (2013-2023)
 - 1.4.1.2 Canada Market States and Outlook (2013-2023)
 - 1.4.1.3 Mexico Market States and Outlook (2013-2023)
 - 1.4.2 Europe (Germany, France, UK, Russia and Italy)
 - 1.4.2.1 Germany Market States and Outlook (2013-2023)
 - 1.4.2.2 France Market States and Outlook (2013-2023)
 - 1.4.2.3 UK Market States and Outlook (2013-2023)
 - 1.4.2.4 Russia Market States and Outlook (2013-2023)
 - 1.4.2.5 Italy Market States and Outlook (2013-2023)
 - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
 - 1.4.3.1 China Market States and Outlook (2013-2023)
 - 1.4.3.2 Japan Market States and Outlook (2013-2023)
 - 1.4.3.3 Korea Market States and Outlook (2013-2023)
 - 1.4.3.4 India Market States and Outlook (2013-2023)
 - 1.4.3.5 Southeast Asia Market States and Outlook (2013-2023)
 - 1.4.4 South America, Middle East and Africa
 - 1.4.4.1 Brazil Market States and Outlook (2013-2023)
 - 1.4.4.2 Egypt Market States and Outlook (2013-2023)
 - 1.4.4.3 Saudi Arabia Market States and Outlook (2013-2023)
 - 1.4.4.4 South Africa Market States and Outlook (2013-2023)
 - 1.4.4.5 Nigeria Market States and Outlook (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 Sigma-Aldrich
 - 2.1.1 Business Overview
 - 2.1.1.1 Sigma-Aldrich Description
 - 2.1.1.2 Sigma-Aldrich Headquarter, Main Business and Finance Overview
 - 2.1.2 Sigma-Aldrich Alcohol Dehydrogenase Product Introduction
- 2.1.2.1 Alcohol Dehydrogenase Production Bases, Sales Regions and Major Competitors
 - 2.1.2.2 Alcohol Dehydrogenase Product Information
- 2.1.3 Sigma-Aldrich Alcohol Dehydrogenase Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.1.3.1 Sigma-Aldrich Alcohol Dehydrogenase Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.1.3.2 Global Sigma-Aldrich Alcohol Dehydrogenase Market Share in 2017
- 2.2 Worthington Biochemical
 - 2.2.1 Business Overview
 - 2.2.1.1 Worthington Biochemical Description
 - 2.2.1.2 Worthington Biochemical Headquarter, Main Business and Finance Overview
 - 2.2.2 Worthington Biochemical Alcohol Dehydrogenase Product Introduction
- 2.2.2.1 Alcohol Dehydrogenase Production Bases, Sales Regions and Major Competitors
 - 2.2.2.2 Alcohol Dehydrogenase Product Information
- 2.2.3 Worthington Biochemical Alcohol Dehydrogenase Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.2.3.1 Worthington Biochemical Alcohol Dehydrogenase Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.2.3.2 Global Worthington Biochemical Alcohol Dehydrogenase Market Share in 2017
- 2.3 Alfa Aesar
 - 2.3.1 Business Overview
 - 2.3.1.1 Alfa Aesar Description
 - 2.3.1.2 Alfa Aesar Headquarter, Main Business and Finance Overview
 - 2.3.2 Alfa Aesar Alcohol Dehydrogenase Product Introduction



- 2.3.2.1 Alcohol Dehydrogenase Production Bases, Sales Regions and Major Competitors
 - 2.3.2.2 Alcohol Dehydrogenase Product Information
- 2.3.3 Alfa Aesar Alcohol Dehydrogenase Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.3.3.1 Alfa Aesar Alcohol Dehydrogenase Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.3.3.2 Global Alfa Aesar Alcohol Dehydrogenase Market Share in 2017
- 2.4 Roche Diagnostics
 - 2.4.1 Business Overview
 - 2.4.1.1 Roche Diagnostics Description
 - 2.4.1.2 Roche Diagnostics Headquarter, Main Business and Finance Overview
 - 2.4.2 Roche Diagnostics Alcohol Dehydrogenase Product Introduction
- 2.4.2.1 Alcohol Dehydrogenase Production Bases, Sales Regions and Major Competitors
 - 2.4.2.2 Alcohol Dehydrogenase Product Information
- 2.4.3 Roche Diagnostics Alcohol Dehydrogenase Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.4.3.1 Roche Diagnostics Alcohol Dehydrogenase Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.4.3.2 Global Roche Diagnostics Alcohol Dehydrogenase Market Share in 20172.5 MAK Wood
 - 2.5.1 Business Overview
 - 2.5.1.1 MAK Wood Description
 - 2.5.1.2 MAK Wood Headquarter, Main Business and Finance Overview
 - 2.5.2 MAK Wood Alcohol Dehydrogenase Product Introduction
- 2.5.2.1 Alcohol Dehydrogenase Production Bases, Sales Regions and Major Competitors
 - 2.5.2.2 Alcohol Dehydrogenase Product Information
- 2.5.3 MAK Wood Alcohol Dehydrogenase Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.5.3.1 MAK Wood Alcohol Dehydrogenase Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.5.3.2 Global MAK Wood Alcohol Dehydrogenase Market Share in 2017 2.6 OYC Americas
 - 2.6.1 Business Overview
 - 2.6.1.1 OYC Americas Description
 - 2.6.1.2 OYC Americas Headquarter, Main Business and Finance Overview
 - 2.6.2 OYC Americas Alcohol Dehydrogenase Product Introduction



- 2.6.2.1 Alcohol Dehydrogenase Production Bases, Sales Regions and Major Competitors
 - 2.6.2.2 Alcohol Dehydrogenase Product Information
- 2.6.3 OYC Americas Alcohol Dehydrogenase Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.6.3.1 OYC Americas Alcohol Dehydrogenase Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.6.3.2 Global OYC Americas Alcohol Dehydrogenase Market Share in 2017

3 GLOBAL ALCOHOL DEHYDROGENASE MARKET COMPETITION, BY MANUFACTURER

- 3.1 Global Alcohol Dehydrogenase Sales and Market Share by Manufacturer (2016-2017)
- 3.2 Global Alcohol Dehydrogenase Revenue and Market Share by Manufacturer (2016-2017)
- 3.3 Global Alcohol Dehydrogenase Price by Manufacturer (2016-2017)
- 3.4 Market Concentration Rate
 - 3.4.1 Top 3 Alcohol Dehydrogenase Manufacturer Market Share in 2017
- 3.4.2 Top 5 Alcohol Dehydrogenase Manufacturer Market Share in 2017
- 3.5 Market Competition Trend

4 GLOBAL ALCOHOL DEHYDROGENASE MARKET ANALYSIS BY REGIONS

- 4.1 Global Alcohol Dehydrogenase Sales, Revenue and Market Share by Regions
- 4.1.1 Global Alcohol Dehydrogenase Sales by Regions (2013-2018)
- 4.1.2 Global Alcohol Dehydrogenase Revenue by Regions (2013-2018)
- 4.2 North America Alcohol Dehydrogenase Sales, Revenue and Growth Rate (2013-2018)
- 4.3 Europe Alcohol Dehydrogenase Sales, Revenue and Growth Rate (2013-2018)
- 4.4 Asia-Pacific Alcohol Dehydrogenase Sales, Revenue and Growth Rate (2013-2018)
- 4.5 South America Alcohol Dehydrogenase Sales, Revenue and Growth Rate (2013-2018)
- 4.6 Middle East and Africa Alcohol Dehydrogenase Sales, Revenue and Growth Rate (2013-2018)

5 NORTH AMERICA ALCOHOL DEHYDROGENASE BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS



- 5.1 North America Alcohol Dehydrogenase Sales, Revenue and Market Share by Countries
 - 5.1.1 North America Alcohol Dehydrogenase Sales by Countries (2013-2018)
 - 5.1.2 North America Alcohol Dehydrogenase Revenue by Countries (2013-2018)
 - 5.1.3 United States Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)
 - 5.1.4 Canada Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)
 - 5.1.5 Mexico Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)
- 5.2 North America Alcohol Dehydrogenase Sales and Revenue (Value) by Manufacturers (2016-2017)
- 5.2.1 North America Alcohol Dehydrogenase Sales by Manufacturers (2016-2017)
- 5.2.2 North America Alcohol Dehydrogenase Revenue by Manufacturers (2016-2017)
- 5.3 North America Alcohol Dehydrogenase Sales, Revenue and Market Share by Type (2013-2018)
- 5.3.1 North America Alcohol Dehydrogenase Sales and Sales Share by Type (2013-2018)
- 5.3.2 North America Alcohol Dehydrogenase Revenue and Revenue Share by Type (2013-2018)
- 5.4 North America Alcohol Dehydrogenase Sales, Revenue and Market Share by Application (2013-2018)
- 5.4.1 North America Alcohol Dehydrogenase Sales and Sales Share by Application (2013-2018)
- 5.4.2 North America Alcohol Dehydrogenase Revenue and Revenue Share by Application (2013-2018)

6 EUROPE ALCOHOL DEHYDROGENASE BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 6.1 Europe Alcohol Dehydrogenase Sales, Revenue and Market Share by Countries
 - 6.1.1 Europe Alcohol Dehydrogenase Sales by Countries (2013-2018)
 - 6.1.2 Europe Alcohol Dehydrogenase Revenue by Countries (2013-2018)
 - 6.1.3 Germany Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)
 - 6.1.4 UK Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)
 - 6.1.5 France Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)
 - 6.1.6 Russia Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)
 - 6.1.7 Italy Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)
- 6.2 Europe Alcohol Dehydrogenase Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 6.2.1 Europe Alcohol Dehydrogenase Sales by Manufacturers (2016-2017)
 - 6.2.2 Europe Alcohol Dehydrogenase Revenue by Manufacturers (2016-2017)



- 6.3 Europe Alcohol Dehydrogenase Sales, Revenue and Market Share by Type (2013-2018)
 - 6.3.1 Europe Alcohol Dehydrogenase Sales and Sales Share by Type (2013-2018)
- 6.3.2 Europe Alcohol Dehydrogenase Revenue and Revenue Share by Type (2013-2018)
- 6.4 Europe Alcohol Dehydrogenase Sales, Revenue and Market Share by Application (2013-2018)
- 6.4.1 Europe Alcohol Dehydrogenase Sales and Sales Share by Application (2013-2018)
- 6.4.2 Europe Alcohol Dehydrogenase Revenue and Revenue Share by Application (2013-2018)

7 ASIA-PACIFIC ALCOHOL DEHYDROGENASE BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 7.1 Asia-Pacific Alcohol Dehydrogenase Sales, Revenue and Market Share by Countries
 - 7.1.1 Asia-Pacific Alcohol Dehydrogenase Sales by Countries (2013-2018)
 - 7.1.2 Asia-Pacific Alcohol Dehydrogenase Revenue by Countries (2013-2018)
 - 7.1.3 China Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)
 - 7.1.4 Japan Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)
 - 7.1.5 Korea Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)
 - 7.1.6 India Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)
 - 7.1.7 Southeast Asia Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)
- 7.2 Asia-Pacific Alcohol Dehydrogenase Sales and Revenue (Value) by Manufacturers (2016-2017)
- 7.2.1 Asia-Pacific Alcohol Dehydrogenase Sales by Manufacturers (2016-2017)
- 7.2.2 Asia-Pacific Alcohol Dehydrogenase Revenue by Manufacturers (2016-2017)
- 7.3 Asia-Pacific Alcohol Dehydrogenase Sales, Revenue and Market Share by Type (2013-2018)
- 7.3.1 Asia-Pacific Alcohol Dehydrogenase Sales and Sales Share by Type (2013-2018)
- 7.3.2 Asia-Pacific Alcohol Dehydrogenase Revenue and Revenue Share by Type (2013-2018)
- 7.4 Asia-Pacific Alcohol Dehydrogenase Sales, Revenue and Market Share by Application (2013-2018)
- 7.4.1 Asia-Pacific Alcohol Dehydrogenase Sales and Sales Share by Application (2013-2018)
 - 7.4.2 Asia-Pacific Alcohol Dehydrogenase Revenue and Revenue Share by



Application (2013-2018)

8 SOUTH AMERICA ALCOHOL DEHYDROGENASE BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 8.1 South America Alcohol Dehydrogenase Sales, Revenue and Market Share by Countries
 - 8.1.1 South America Alcohol Dehydrogenase Sales by Countries (2013-2018)
 - 8.1.2 South America Alcohol Dehydrogenase Revenue by Countries (2013-2018)
 - 8.1.3 Brazil Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)
 - 8.1.4 Argentina Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)
 - 8.1.5 Colombia Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)
- 8.2 South America Alcohol Dehydrogenase Sales and Revenue (Value) by Manufacturers (2016-2017)
- 8.2.1 South America Alcohol Dehydrogenase Sales by Manufacturers (2016-2017)
- 8.2.2 South America Alcohol Dehydrogenase Revenue by Manufacturers (2016-2017)
- 8.3 South America Alcohol Dehydrogenase Sales, Revenue and Market Share by Type (2013-2018)
- 8.3.1 South America Alcohol Dehydrogenase Sales and Sales Share by Type (2013-2018)
- 8.3.2 South America Alcohol Dehydrogenase Revenue and Revenue Share by Type (2013-2018)
- 8.4 South America Alcohol Dehydrogenase Sales, Revenue and Market Share by Application (2013-2018)
- 8.4.1 South America Alcohol Dehydrogenase Sales and Sales Share by Application (2013-2018)
- 8.4.2 South America Alcohol Dehydrogenase Revenue and Revenue Share by Application (2013-2018)

9 MIDDLE EAST AND AFRICA ALCOHOL DEHYDROGENASE BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 9.1 Middle East and Africa Alcohol Dehydrogenase Sales, Revenue and Market Share by Countries
 - 9.1.1 Middle East and Africa Alcohol Dehydrogenase Sales by Countries (2013-2018)
- 9.1.2 Middle East and Africa Alcohol Dehydrogenase Revenue by Countries (2013-2018)
 - 9.1.3 Saudi Arabia Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)
 - 9.1.4 UAE Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)



- 9.1.5 Egypt Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)
- 9.1.6 Nigeria Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)
- 9.1.7 South Africa Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)
- 9.2 Middle East and Africa Alcohol Dehydrogenase Sales and Revenue (Value) by Manufacturers (2016-2017)
- 9.2.1 Middle East and Africa Alcohol Dehydrogenase Sales by Manufacturers (2016-2017)
- 9.2.2 Middle East and Africa Alcohol Dehydrogenase Revenue by Manufacturers (2016-2017)
- 9.3 Middle East and Africa Alcohol Dehydrogenase Sales, Revenue and Market Share by Type (2013-2018)
- 9.3.1 Middle East and Africa Alcohol Dehydrogenase Sales and Sales Share by Type (2013-2018)
- 9.3.1 Middle East and Africa Alcohol Dehydrogenase Revenue and Revenue Share by Type (2013-2018)
- 9.4 Middle East and Africa Alcohol Dehydrogenase Sales, Revenue and Market Share by Application (2013-2018)
- 9.4.1 Middle East and Africa Alcohol Dehydrogenase Sales and Sales Share by Application (2013-2018)
- 9.4.2 Middle East and Africa Alcohol Dehydrogenase Revenue and Revenue Share by Application (2013-2018)

10 GLOBAL ALCOHOL DEHYDROGENASE MARKET SEGMENT BY TYPE

- 10.1 Global Alcohol Dehydrogenase Sales, Revenue and Market Share by Type (2013-2018)
 - 10.1.1 Global Alcohol Dehydrogenase Sales and Market Share by Type (2013-2018)
- 10.1.2 Global Alcohol Dehydrogenase Revenue and Market Share by Type (2013-2018)
- 10.2 7.5 KU Sales Growth and Price
 - 10.2.1 Global 7.5 KU Sales Growth (2013-2018)
 - 10.2.2 Global 7.5 KU Price (2013-2018)
- 10.3 15 KU Sales Growth and Price
 - 10.3.1 Global 15 KU Sales Growth (2013-2018)
 - 10.3.2 Global 15 KU Price (2013-2018)
- 10.4 30 KU Sales Growth and Price
- 10.4.1 Global 30 KU Sales Growth (2013-2018)
- 10.4.2 Global 30 KU Price (2013-2018)
- 10.5 75 KU Sales Growth and Price



- 10.5.1 Global 75 KU Sales Growth (2013-2018)
- 10.5.2 Global 75 KU Price (2013-2018)
- 10.6 150 KU Sales Growth and Price
 - 10.6.1 Global 150 KU Sales Growth (2013-2018)
 - 10.6.2 Global 150 KU Price (2013-2018)
- 10.7 Other Sales Growth and Price
 - 10.7.1 Global Other Sales Growth (2013-2018)
 - 10.7.2 Global Other Price (2013-2018)

11 GLOBAL ALCOHOL DEHYDROGENASE MARKET SEGMENT BY APPLICATION

- 11.1 Global Alcohol Dehydrogenase Sales Market Share by Application (2013-2018)
- 11.2 Disease Diagnosis Sales Growth (2013-2018)
- 11.3 Catalyst Sales Growth (2013-2018)
- 11.4 Other Sales Growth (2013-2018)

12 ALCOHOL DEHYDROGENASE MARKET FORECAST (2018-2023)

- 12.1 Global Alcohol Dehydrogenase Sales, Revenue and Growth Rate (2018-2023)
- 12.2 Alcohol Dehydrogenase Market Forecast by Regions (2018-2023)
- 12.2.1 North America Alcohol Dehydrogenase Market Forecast (2018-2023)
- 12.2.2 Europe Alcohol Dehydrogenase Market Forecast (2018-2023)
- 12.2.3 Asia-Pacific Alcohol Dehydrogenase Market Forecast (2018-2023)
- 12.2.4 South America Alcohol Dehydrogenase Market Forecast (2018-2023)
- 12.2.5 Middle East and Africa Alcohol Dehydrogenase Market Forecast (2018-2023)
- 12.3 Alcohol Dehydrogenase Market Forecast by Type (2018-2023)
- 12.3.1 Global Alcohol Dehydrogenase Sales Forecast by Type (2018-2023)
- 12.3.2 Global Alcohol Dehydrogenase Market Share Forecast by Type (2018-2023)
- 12.4 Alcohol Dehydrogenase Market Forecast by Application (2018-2023)
 - 12.4.1 Global Alcohol Dehydrogenase Sales Forecast by Application (2018-2023)
- 12.4.2 Global Alcohol Dehydrogenase Market Share Forecast by Application (2018-2023)

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 Alcohol Dehydrogenase Picture

Table Product Specifications of Alcohol Dehydrogenase

Figure Global Alcohol Dehydrogenase CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (USD Million)

Figure Global Alcohol Dehydrogenase CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (Sales)

Figure Global Sales Market Share of Alcohol Dehydrogenase by Types in 2017

Figure 7.5 KU Picture

Table Major Manufacturers of 7.5 KU

Figure 15 KU Picture

Table Major Manufacturers of 15 KU

Figure 30 KU Picture

Table Major Manufacturers of 30 KU

Figure 75 KU Picture

Table Major Manufacturers of 75 KU

Figure 150 KU Picture

Table Major Manufacturers of 150 KU

Figure Other Picture

Table Major Manufacturers of Other

Figure Alcohol Dehydrogenase Sales Market Share by Applications in 2017

Figure Disease Diagnosis Picture

Figure Catalyst Picture

Figure Other Picture

Figure United States Alcohol Dehydrogenase Revenue (Value) and Growth Rate (2013-2023)

Figure Canada Alcohol Dehydrogenase Revenue (Value) and Growth Rate (2013-2023)

Figure Mexico Alcohol Dehydrogenase Revenue (Value) and Growth Rate (2013-2023)

Figure Germany Alcohol Dehydrogenase Revenue (Value) and Growth Rate (2013-2023)

Figure France Alcohol Dehydrogenase Revenue (Value) and Growth Rate (2013-2023)

Figure UK Alcohol Dehydrogenase Revenue (Value) and Growth Rate (2013-2023)

Figure Russia Alcohol Dehydrogenase Revenue (Value) and Growth Rate (2013-2023)

Figure Italy Alcohol Dehydrogenase Revenue (Value) and Growth Rate (2013-2023)

Figure China Alcohol Dehydrogenase Revenue (Value) and Growth Rate (2013-2023)

Figure Japan Alcohol Dehydrogenase Revenue (Value) and Growth Rate (2013-2023)



Figure Korea Alcohol Dehydrogenase Revenue (Value) and Growth Rate (2013-2023) Figure India Alcohol Dehydrogenase Revenue (Value) and Growth Rate (2013-2023) Figure Southeast Asia Alcohol Dehydrogenase Revenue (Value) and Growth Rate (2013-2023)

Figure Brazil Alcohol Dehydrogenase Revenue (Value) and Growth Rate (2013-2023) Figure Egypt Alcohol Dehydrogenase Revenue (Value) and Growth Rate (2013-2023) Figure Saudi Arabia Alcohol Dehydrogenase Revenue (Value) and Growth Rate (2013-2023)

Figure South Africa Alcohol Dehydrogenase Revenue (Value) and Growth Rate (2013-2023)

Figure Nigeria Alcohol Dehydrogenase Revenue (Value) and Growth Rate (2013-2023) Table Sigma-Aldrich Headquarter, Established, Main Business and Finance Overview (2017)

Table Sigma-Aldrich Alcohol Dehydrogenase Production Bases, Sales Regions and Major Competitors

Table Sigma-Aldrich Alcohol Dehydrogenase Product

Table Sigma-Aldrich Alcohol Dehydrogenase Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Sigma-Aldrich Alcohol Dehydrogenase Sales Market Share in 2017 Figure Global Sigma-Aldrich Alcohol Dehydrogenase Revenue Market Share in 2017 Table Worthington Biochemical Headquarter, Established, Main Business and Finance Overview (2017)

Table Worthington Biochemical Alcohol Dehydrogenase Production Bases, Sales Regions and Major Competitors

Table Worthington Biochemical Alcohol Dehydrogenase Product

Table Worthington Biochemical Alcohol Dehydrogenase Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Worthington Biochemical Alcohol Dehydrogenase Sales Market Share in 2017

Figure Global Worthington Biochemical Alcohol Dehydrogenase Revenue Market Share in 2017

Table Alfa Aesar Headquarter, Established, Main Business and Finance Overview (2017)

Table Alfa Aesar Alcohol Dehydrogenase Production Bases, Sales Regions and Major Competitors

Table Alfa Aesar Alcohol Dehydrogenase Product

Table Alfa Aesar Alcohol Dehydrogenase Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Alfa Aesar Alcohol Dehydrogenase Sales Market Share in 2017



Figure Global Alfa Aesar Alcohol Dehydrogenase Revenue Market Share in 2017 Table Roche Diagnostics Headquarter, Established, Main Business and Finance Overview (2017)

Table Roche Diagnostics Alcohol Dehydrogenase Production Bases, Sales Regions and Major Competitors

Table Roche Diagnostics Alcohol Dehydrogenase Product

Table Roche Diagnostics Alcohol Dehydrogenase Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Roche Diagnostics Alcohol Dehydrogenase Sales Market Share in 2017 Figure Global Roche Diagnostics Alcohol Dehydrogenase Revenue Market Share in 2017

Table MAK Wood Headquarter, Established, Main Business and Finance Overview (2017)

Table MAK Wood Alcohol Dehydrogenase Production Bases, Sales Regions and Major Competitors

Table MAK Wood Alcohol Dehydrogenase Product

Table MAK Wood Alcohol Dehydrogenase Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global MAK Wood Alcohol Dehydrogenase Sales Market Share in 2017 Figure Global MAK Wood Alcohol Dehydrogenase Revenue Market Share in 2017 Table OYC Americas Headquarter, Established, Main Business and Finance Overview (2017)

Table OYC Americas Alcohol Dehydrogenase Production Bases, Sales Regions and Major Competitors

Table OYC Americas Alcohol Dehydrogenase Product

Table OYC Americas Alcohol Dehydrogenase Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global OYC Americas Alcohol Dehydrogenase Sales Market Share in 2017 Figure Global OYC Americas Alcohol Dehydrogenase Revenue Market Share in 2017 Table Global Alcohol Dehydrogenase Sales by Manufacturer (2016-2017)

Figure Global Alcohol Dehydrogenase Sales Market Share by Manufacturer in 2016

Figure Global Alcohol Dehydrogenase Sales Market Share by Manufacturer in 2017

Table Global Alcohol Dehydrogenase Revenue by Manufacturer (2016-2017)

Figure Global Alcohol Dehydrogenase Revenue Market Share by Manufacturer in 2016 Figure Global Alcohol Dehydrogenase Revenue Market Share by Manufacturer in 2017

Table Global Alcohol Dehydrogenase Price by Manufacturer (2016-2017)

Figure Top 3 Alcohol Dehydrogenase Manufacturer (Revenue) Market Share in 2017

Figure Top 6 Alcohol Dehydrogenase Manufacturer (Revenue) Market Share in 2017

Figure Global Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)



Figure Global Alcohol Dehydrogenase Revenue and Growth Rate (2013-2018)

Table Global Alcohol Dehydrogenase Sales by Regions (2013-2018)

Table Global Alcohol Dehydrogenase Sales Market Share by Regions (2013-2018)

Table Global Alcohol Dehydrogenase Revenue by Regions (2013-2018)

Figure Global Alcohol Dehydrogenase Revenue Market Share by Regions in 2013

Figure Global Alcohol Dehydrogenase Revenue Market Share by Regions in 2017

Figure North America Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Figure North America Alcohol Dehydrogenase Revenue and Growth Rate (2013-2018)

Figure Europe Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Figure Europe Alcohol Dehydrogenase Revenue and Growth Rate (2013-2018)

Figure Asia-Pacific Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Figure Asia-Pacific Alcohol Dehydrogenase Revenue and Growth Rate (2013-2018)

Figure South America Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Figure South America Alcohol Dehydrogenase Revenue and Growth Rate (2013-2018)

Figure Middle East and Africa Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Figure Middle East and Africa Alcohol Dehydrogenase Revenue and Growth Rate (2013-2018)

Figure North America Alcohol Dehydrogenase Revenue and Growth Rate (2013-2018)

Table North America Alcohol Dehydrogenase Sales by Countries (2013-2018)

Table North America Alcohol Dehydrogenase Sales Market Share by Countries (2013-2018)

Figure North America Alcohol Dehydrogenase Sales Market Share by Countries in 2013

Figure North America Alcohol Dehydrogenase Sales Market Share by Countries in 2017

Table North America Alcohol Dehydrogenase Revenue by Countries (2013-2018)

Table North America Alcohol Dehydrogenase Revenue Market Share by Countries (2013-2018)

Figure North America Alcohol Dehydrogenase Revenue Market Share by Countries in 2013

Figure North America Alcohol Dehydrogenase Revenue Market Share by Countries in 2017

Figure United States Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Figure Canada Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Figure Mexico Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Table North America Alcohol Dehydrogenase Sales by Manufacturer (2016-2017)

Figure North America Alcohol Dehydrogenase Sales Market Share by Manufacturer in 2016

Figure North America Alcohol Dehydrogenase Sales Market Share by Manufacturer in 2017



Table North America Alcohol Dehydrogenase Revenue by Manufacturer (2016-2017) Figure North America Alcohol Dehydrogenase Revenue Market Share by Manufacturer in 2016

Figure North America Alcohol Dehydrogenase Revenue Market Share by Manufacturer in 2017

Table North America Alcohol Dehydrogenase Sales by Type (2013-2018)

Table North America Alcohol Dehydrogenase Sales Share by Type (2013-2018)

Table North America Alcohol Dehydrogenase Revenue by Type (2013-2018)

Table North America Alcohol Dehydrogenase Revenue Share by Type (2013-2018)

Table North America Alcohol Dehydrogenase Sales by Application (2013-2018)

Table North America Alcohol Dehydrogenase Sales Share by Application (2013-2018)

Table North America Alcohol Dehydrogenase Revenue by Application (2013-2018)

Table North America Alcohol Dehydrogenase Revenue Share by Application (2013-2018)

Figure Europe Alcohol Dehydrogenase Revenue and Growth Rate (2013-2018)

Table Europe Alcohol Dehydrogenase Sales by Countries (2013-2018)

Table Europe Alcohol Dehydrogenase Sales Market Share by Countries (2013-2018)

Table Europe Alcohol Dehydrogenase Revenue by Countries (2013-2018)

Figure Europe Alcohol Dehydrogenase Revenue Market Share by Countries in 2016

Figure Europe Alcohol Dehydrogenase Revenue Market Share by Countries in 2017

Figure Germany Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Figure UK Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Figure France Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Figure Russia Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Figure Italy Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Table Europe Alcohol Dehydrogenase Sales by Manufacturer (2016-2017)

Figure Europe Alcohol Dehydrogenase Sales Market Share by Manufacturer in 2016

Figure Europe Alcohol Dehydrogenase Sales Market Share by Manufacturer in 2017

Table Europe Alcohol Dehydrogenase Revenue by Manufacturer (2016-2017)

Figure Europe Alcohol Dehydrogenase Revenue Market Share by Manufacturer in 2016

Figure Europe Alcohol Dehydrogenase Revenue Market Share by Manufacturer in 2017

Table Europe Alcohol Dehydrogenase Sales by Type (2013-2018)

Table Europe Alcohol Dehydrogenase Sales Share by Type (2013-2018)

Table Europe Alcohol Dehydrogenase Revenue by Type (2013-2018)

Table Europe Alcohol Dehydrogenase Revenue Share by Type (2013-2018)

Table Europe Alcohol Dehydrogenase Sales by Application (2013-2018)

Table Europe Alcohol Dehydrogenase Sales Share by Application (2013-2018)

Table Europe Alcohol Dehydrogenase Revenue by Application (2013-2018)

Table Europe Alcohol Dehydrogenase Revenue Share by Application (2013-2018)



Figure Asia-Pacific Alcohol Dehydrogenase Revenue and Growth Rate (2013-2018) Table Asia-Pacific Alcohol Dehydrogenase Sales by Countries (2013-2018) Table Asia-Pacific Alcohol Dehydrogenase Sales Market Share by Countries (2013-2018)

Figure Asia-Pacific Alcohol Dehydrogenase Sales Market Share by Countries 2017 Table Asia-Pacific Alcohol Dehydrogenase Revenue by Countries (2013-2018)

Figure Asia-Pacific Alcohol Dehydrogenase Revenue Market Share by Countries 2017

Figure China Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Figure Japan Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Figure Korea Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Figure India Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Figure Southeast Asia Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Table Asia-Pacific Alcohol Dehydrogenase Sales by Manufacturer (2016-2017)

Figure Asia-Pacific Alcohol Dehydrogenase Sales Market Share by Manufacturer in 2016

Figure Asia-Pacific Alcohol Dehydrogenase Sales Market Share by Manufacturer in 2017

Table Asia-Pacific Alcohol Dehydrogenase Revenue by Manufacturer (2016-2017) Figure Asia-Pacific Alcohol Dehydrogenase Revenue Market Share by Manufacturer in 2016

Figure Asia-Pacific Alcohol Dehydrogenase Revenue Market Share by Manufacturer in 2017

Table Asia-Pacific Alcohol Dehydrogenase Sales by Type (2013-2018)

Table Asia-Pacific Alcohol Dehydrogenase Sales Share by Type (2013-2018)

Table Asia-Pacific Alcohol Dehydrogenase Revenue by Type (2013-2018)

Table Asia-Pacific Alcohol Dehydrogenase Revenue Share by Type (2013-2018)

Table Asia-Pacific Alcohol Dehydrogenase Sales by Application (2013-2018)

Table Asia-Pacific Alcohol Dehydrogenase Sales Share by Application (2013-2018)

Table Asia-Pacific Alcohol Dehydrogenase Revenue by Application (2013-2018)

Table Asia-Pacific Alcohol Dehydrogenase Revenue Share by Application (2013-2018)

Figure South America Alcohol Dehydrogenase Revenue and Growth Rate (2013-2018)

Table South America Alcohol Dehydrogenase Sales by Countries (2013-2018)

Table South America Alcohol Dehydrogenase Sales Market Share by Countries (2013-2018)

Figure South America Alcohol Dehydrogenase Sales Market Share by Countries in 2017

Table South America Alcohol Dehydrogenase Revenue by Countries (2013-2018) Table South America Alcohol Dehydrogenase Revenue Market Share by Countries (2013-2018)



Figure South America Alcohol Dehydrogenase Revenue Market Share by Countries in 2017

Figure Brazil Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Figure Argentina Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Figure Colombia Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Table South America Alcohol Dehydrogenase Sales by Manufacturer (2016-2017)

Figure South America Alcohol Dehydrogenase Sales Market Share by Manufacturer in 2016

Figure South America Alcohol Dehydrogenase Sales Market Share by Manufacturer in 2017

Table South America Alcohol Dehydrogenase Revenue by Manufacturer (2016-2017) Figure South America Alcohol Dehydrogenase Revenue Market Share by Manufacturer in 2016

Figure South America Alcohol Dehydrogenase Revenue Market Share by Manufacturer in 2017

Table South America Alcohol Dehydrogenase Sales by Type (2013-2018)

Table South America Alcohol Dehydrogenase Sales Share by Type (2013-2018)

Table South America Alcohol Dehydrogenase Revenue by Type (2013-2018)

Table South America Alcohol Dehydrogenase Revenue Share by Type (2013-2018)

Table South America Alcohol Dehydrogenase Sales by Application (2013-2018)

Table South America Alcohol Dehydrogenase Sales Share by Application (2013-2018)

Table South America Alcohol Dehydrogenase Revenue by Application (2013-2018)

Table South America Alcohol Dehydrogenase Revenue Share by Application (2013-2018)

Figure Middle East and Africa Alcohol Dehydrogenase Revenue and Growth Rate (2013-2018)

Table Middle East and Africa Alcohol Dehydrogenase Sales by Countries (2013-2018)
Table Middle East and Africa Alcohol Dehydrogenase Sales Market Share by Countries (2013-2018)

Figure Middle East and Africa Alcohol Dehydrogenase Sales Market Share by Countries in 2017

Table Middle East and Africa Alcohol Dehydrogenase Revenue by Countries (2013-2018)

Table Middle East and Africa Alcohol Dehydrogenase Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa Alcohol Dehydrogenase Revenue Market Share by Countries in 2013

Figure Middle East and Africa Alcohol Dehydrogenase Revenue Market Share by Countries in 2017



Figure Saudi Arabia Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Figure UAE Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Figure Egypt Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Figure Nigeria Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Figure South Africa Alcohol Dehydrogenase Sales and Growth Rate (2013-2018)

Table Middle East and Africa Alcohol Dehydrogenase Sales by Manufacturer (2016-2017)

Figure Middle East and Africa Alcohol Dehydrogenase Sales Market Share by Manufacturer in 2016

Figure Middle East and Africa Alcohol Dehydrogenase Sales Market Share by Manufacturer in 2017

Table Middle East and Africa Alcohol Dehydrogenase Revenue by Manufacturer (2016-2017)

Figure Middle East and Africa Alcohol Dehydrogenase Revenue Market Share by Manufacturer in 2016

Figure Middle East and Africa Alcohol Dehydrogenase Revenue Market Share by Manufacturer in 2017

Table Middle East and Africa Alcohol Dehydrogenase Sales by Type (2013-2018)

Table Middle East and Africa Alcohol Dehydrogenase Sales Share by Type (2013-2018)

Table Middle East and Africa Alcohol Dehydrogenase Revenue by Type (2013-2018)

Table Middle East and Africa Alcohol Dehydrogenase Revenue Share by Type (2013-2018)

Table Middle East and Africa Alcohol Dehydrogenase Sales by Application (2013-2018)

Table Middle East and Africa Alcohol Dehydrogenase Sales Share by Application (2013-2018)

Table Middle East and Africa Alcohol Dehydrogenase Revenue by Application (2013-2018)

Table Middle East and Africa Alcohol Dehydrogenase Revenue Share by Application (2013-2018)

Table Global Alcohol Dehydrogenase Sales by Type (2013-2018)

Table Global Alcohol Dehydrogenase Sales Share by Type (2013-2018)

Table Global Alcohol Dehydrogenase Revenue by Type (2013-2018)

Table Global Alcohol Dehydrogenase Revenue Share by Type (2013-2018)

Figure Global 7.5 KU Sales Growth (2013-2018)

Figure Global 7.5 KU Price (2013-2018)

Figure Global 15 KU Sales Growth (2013-2018)

Figure Global 15 KU Price (2013-2018)

Figure Global 30 KU Sales Growth (2013-2018)

Figure Global 30 KU Price (2013-2018)



Figure Global 75 KU Sales Growth (2013-2018)

Figure Global 75 KU Price (2013-2018)

Figure Global 150 KU Sales Growth (2013-2018)

Figure Global 150 KU Price (2013-2018)

Figure Global Other Sales Growth (2013-2018)

Figure Global Other Price (2013-2018)

Table Global Alcohol Dehydrogenase Sales by Application (2013-2018)

Table Global Alcohol Dehydrogenase Sales Share by Application (2013-2018)

Figure Global Disease Diagnosis Sales Growth (2013-2018)

Figure Global Catalyst Sales Growth (2013-2018)

Figure Global Other Sales Growth (2013-2018)

Figure Global Alcohol Dehydrogenase Sales, Revenue and Growth Rate (2018-2023)

Table Global Alcohol Dehydrogenase Sales Forecast by Regions (2018-2023)

Table Global Alcohol Dehydrogenase Market Share Forecast by Regions (2018-2023)

Figure North America Sales Alcohol Dehydrogenase Market Forecast (2018-2023)

Figure Europe Sales Alcohol Dehydrogenase Market Forecast (2018-2023)

Figure Asia-Pacific Sales Alcohol Dehydrogenase Market Forecast (2018-2023)

Figure South America Sales Alcohol Dehydrogenase Market Forecast (2018-2023)

Figure Middle East and Africa Sales Alcohol Dehydrogenase Market Forecast (2018-2023)

Table Global Alcohol Dehydrogenase Sales Forecast by Type (2018-2023)

Table Global Alcohol Dehydrogenase Market Share Forecast by Type (2018-2023)

Table Global Alcohol Dehydrogenase Sales Forecast by Application (2018-2023)

Table Global Alcohol Dehydrogenase Market Share Forecast by Application (2018-2023)

Table Distributors/Traders/ Dealers List



I would like to order

Product name: Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa)

Alcohol Dehydrogenase Market 2018, Forecast to 2023

Product link: https://marketpublishers.com/r/GE27AF30A03EN.html

Price: US\$ 4,880.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GE27AF30A03EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



