

Global α,α -Diphenyl- γ -butyrolactone Market Growth 2026-2032

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Abstracts

The global α,α -Diphenyl- γ -butyrolactone market size is predicted to grow from US\$ 2814 million in 2025 to US\$ 3985 million in 2032; it is expected to grow at a CAGR of 5.2% from 2026 to 2032.

α,α -diphenyl- γ -butyrolactone, also known as DBE-4 or DPDBE, is an organic compound. Its chemical formula is $C_{24}H_{18}O$, and its structure contains a butyrolactone ring and two phenyl functional groups. α,α -diphenyl- γ -butyrolactone is a colorless to light yellow crystal; melting point: about 102-105°C; α,α -diphenyl- γ -butyrolactone is soluble in organic matter. Solvents such as ether, alcohols and ketones are insoluble in water. The preparation method of α,α -diphenyl- γ -butyrolactone can generally be synthesized through an acid-catalyzed thermodynamic addition reaction. The specific steps of the preparation method are to react acetophenone and phenol under acid catalysis to generate α,α -diphenyl- γ -butyrolactone.

United States market for α,α -Diphenyl- γ -butyrolactone is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for α,α -Diphenyl- γ -butyrolactone is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for α,α -Diphenyl- γ -butyrolactone is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key α,α -Diphenyl- γ -butyrolactone players cover J&K Scientific, MERYER, Energy Chemical, Suzhou Yacoo Science, Shanghai Qiao Chem, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the “?,?-Diphenyl-?-butyrolactone Industry Forecast” looks at past sales and reviews total world ?,?-Diphenyl-?-butyrolactone sales in 2025, providing a comprehensive analysis by region and market sector of projected ?,?-Diphenyl-?-butyrolactone sales for 2026 through 2032. With ?,?-Diphenyl-?-butyrolactone sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world ?,?-Diphenyl-?-butyrolactone industry.

This Insight Report provides a comprehensive analysis of the global ?,?-Diphenyl-?-butyrolactone landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on ?,?-Diphenyl-?-butyrolactone portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global ?,?-Diphenyl-?-butyrolactone market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for ?,?-Diphenyl-?-butyrolactone and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global ?,?-Diphenyl-?-butyrolactone.

This report presents a comprehensive overview, market shares, and growth opportunities of ?,?-Diphenyl-?-butyrolactone market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Purity 95%

Purity 98%

Purity 99%

Others

Segmentation by Application:

Polymer Materials

Optoelectronic Devices

Medical Field

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

J&K Scientific

MERYER

Energy Chemical

Suzhou Yacoo Science

Shanghai Qiao Chem

Peptide-Search

EECHEM

Aikon Chem

RRKCHEM

JFBIO

Dideu

Yacoo

Speranza Chemical CO.,Ltd.

XinKang

Shanghai Haohong Biomedicine

Aladdin

Sigma-Aldrich Production GmbH

Key Questions Addressed in this Report

What is the 10-year outlook for the global α,α -Diphenyl- β -butyrolactone market?

What factors are driving α,α -Diphenyl- β -butyrolactone market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do α,α -Diphenyl- β -butyrolactone market opportunities vary by end market size?

How does α,α -Diphenyl- β -butyrolactone break out by Type, by Application?

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