

# Global NAC (Acetylcysteine) Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G354569A41D6EN.html>

Date: November 2023

Pages: 129

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

ID: G354569A41D6EN

## Abstracts

The global NAC (Acetylcysteine) market size is expected to reach \$ 182.3 million by 2029, rising at a market growth of 9.4% CAGR during the forecast period (2023-2029).

Global key players of NAC (Acetylcysteine) include Zambon, Wuhan Grand Hoyo and Pharmazell, etc. The top three players hold a share over 50%. Europe is the largest market, has a share about 50%. In terms of product type, Effervescent Tablets

is the largest segment, occupied for a share of about 26%.

Acetylcysteine, also known as N-acetylcysteine (NAC), is a modified amino acid that is used as an antidote for acetaminophen overdose to prevent hepatic injury.

Acetylcysteine is a hepatoprotective agent and has not been linked to significant serum enzyme elevations during therapy or to instances of clinically apparent acute liver injury.

NAC (Acetylcysteine) is the N-acetyl derivative of CYSTEINE. It is used as a mucolytic agent to reduce the viscosity of mucous secretions. It has also been shown to have antiviral effects in patients with HIV due to inhibition of viral stimulation by reactive oxygen intermediates.

NAC (Acetylcysteine) is an Antidote and Antidote for Acetaminophen Overdose, and Mucolytic. The mechanism of action of acetylcysteine is as a Reduction Activity. The physiologic effect of acetylcysteine is by means of Decreased Respiratory Secretion Viscosity, and Increased Glutathione Concentration.

NAC (Acetylcysteine) is a synthetic N-acetyl derivative of the endogenous amino acid L-cysteine, a precursor of the antioxidant enzyme glutathione. Acetylcysteine regenerates

liver stores of glutathione. This agent also reduces disulfide bonds in mucoproteins, resulting in liquification of mucus. Some evidence suggests that acetylcysteine may exert an anti-apoptotic effect due to its antioxidant activity, possibly preventing cancer cell development or growth. In addition, acetylcysteine has inhibited viral stimulation by reactive oxygen intermediates, thereby producing antiviral activity in HIV patients. (NCI04)

This report studies the global NAC (Acetylcysteine) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for NAC (Acetylcysteine), and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of NAC (Acetylcysteine) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global NAC (Acetylcysteine) total production and demand, 2018-2029, (K MT)

Global NAC (Acetylcysteine) total production value, 2018-2029, (USD Million)

Global NAC (Acetylcysteine) production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K MT)

Global NAC (Acetylcysteine) consumption by region & country, CAGR, 2018-2029 & (K MT)

U.S. VS China: NAC (Acetylcysteine) domestic production, consumption, key domestic manufacturers and share

Global NAC (Acetylcysteine) production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K MT)

Global NAC (Acetylcysteine) production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K MT)

Global NAC (Acetylcysteine) production by Application production, value, CAGR, 2018-2029, (USD Million) & (K MT).

This reports profiles key players in the global NAC (Acetylcysteine) market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Zambon, Moehs, Pharmazell, Nippon Rika, Chengyi Pharma, Wuhan Grand Hoyo, Manus Aktteva Biopharma, Shine Star Biological and Huachang Pharmaceutical, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World NAC (Acetylcysteine) market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K MT) and average price (USD/MT) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global NAC (Acetylcysteine) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global NAC (Acetylcysteine) Market, Segmentation by Type

Injection

Granule for Oral Solution

Oral Inhalation

Effervescent Tablets

Others

## Global NAC (Acetylcysteine) Market, Segmentation by Application

Medicine

Nutritional Supplements

Others

## Companies Profiled:

Zambon

Moehs

Pharmazell

Nippon Rika

Chengyi Pharma

Wuhan Grand Hoyo

Manus Akteva Biopharma

Shine Star Biological

Huachang Pharmaceutical

Xinhanling Biological

Shuguang Biological

### Key Questions Answered

1. How big is the global NAC (Acetylcysteine) market?
2. What is the demand of the global NAC (Acetylcysteine) market?
3. What is the year over year growth of the global NAC (Acetylcysteine) market?
4. What is the production and production value of the global NAC (Acetylcysteine) market?
5. Who are the key producers in the global NAC (Acetylcysteine) market?

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