

Methionine Market is Forecasted to Worth USD 5940.9 Million at a CAGR of 5.20% by 2028 | Reports and Data

The increasing demand from the pharmaceutical sector, the elevated consumption of animal-based products, & the rising health concerns are drives growth

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/EINPresswire.com/ -- The global [methionine market](#) is forecast to reach

USD 5,940.9 Million by 2028, according to a new report by Reports and Data. Methionine is a naturally occurring amino acid and the only one that contains sulfur. It serves as an antecedent for all other sulfur-containing amino acids and the derivatives. The market is projected to witness a stable growth during the forecast period.

A study has indicated the fact that the amino acid, when used as a supplement in rodents, provides protection from gamma-radiation-induced-global DNA hypomethylation and enhances methylation levels. Such positive results associated with the use of the acid as a supplement would, in turn, elevate its demand from the food and dietary supplement sector. In the human body, it is associated with minimizing risk of ovarian & rectal cancer among women and & proximal colon cancer in men. In the liver, amino acid is adenosylated and followed by which it is converted to s-adenosyl methionine (SAM). A diet that is deficient of the amino acid result in minimizing cellular adhesion and increased gene expression & apoptosis rate. Thus, it is due to the vital role it plays in human body and that results in its increased demand and associated market growth.

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Major companies Novus International, Evonik, Adisseo, Sumitomo Chemicals, CJ Cheiljedang, Phibro, Ajinomoto Co., Inc., Sunrise Nutrachem Group, Prinova Group LLC and Chongqing Unisplendour Chemical.



Reports And Data

Further key findings from the report suggest

The methionine market held a market share of USD 3,952.0 Million in 2020. It is projected to witness a growth rate of 5.20% during the forecast period.

In context to Product Type, the DL-Methionine segment generated the highest revenue of USD 2.12 Billion in 2018, with a CAGR of 4.8% during the forecast period. Factors like its extensive application in the pharmaceuticals and dietary supplements sectors because of its traits like high antioxidant capacity, along with its advantages like reduced nitrogen excretions and performance supported during heat stress, contributes to the revenue generated by this segment.

In regards to Raw Material, the Plant-based segment generated a higher revenue of USD 2.61 Billion in 2018, with a CAGR of 4.9% during the forecast period. The revenue generated by the Plant-based segment is resultant of the raising awareness about environmental concerns associated with animal-based products like sixth mass extinction and consequential elevated demand for bio-based products.

In the context of Application, the Animal Feed segment occupies the largest market share of 79.0% in 2018, with the fastest growth rate of 5.0% during the forecast period. The market share held by the Animal Feed segment is attributed to increasing awareness about livestock health, and occurrences of animal disease outbreaks that have boosted the use of the amino acid in the diet of animals to enhance the nutritional value.

In regards to region, Europe occupies the second-largest market share of 0% in 2018, with a CAGR of 4.5% during the forecast period. The market share held by Europe is the resultant of increasing geriatric population and rising demand for dietary supplements in this region.

To know more about the report@ <https://www.reportsanddata.com/report-detail/methionine-market>

Segments covered in the report:

Product Type Outlook (Volume, Kilo Tons; Revenue, USD Billion; 2018-2028)

Methionine Hydroxy Analogue (MHA)

DL-Methionine

L-Methionine

Raw Material Type Outlook (Volume, Kilo Tons; Revenue, USD Billion; 2018-2028)

Animal-based

Plant-based

Application Type Outlook (Volume, Kilo Tons; Revenue, USD Billion; 2018-2028)

Food & Dietary Supplements

Animal Feed
Pharmaceuticals

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Key Regional Markets Covered in the Report:

North America (U.S.A., Canada, Mexico)

Europe (Italy, U.K., Germany, France, Rest of Europe)

Asia Pacific (India, China, Japan, South Korea, Australia, Rest of Asia Pacific)

Latin America (Chile, Brazil, Argentina, Peru, Rest of Latin America)

Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of Middle East & Africa)

Methionine, an amino acid that contains sulphur and is a part of S-adenosyl-Methionine, is necessary for a number of methyl-transferase reactions. It serves as a protein building block and a catalyst for protein synthesis, both of which are essential for translation insulation (SAM). It helps with the production of the proteins that make up the tissues and organs in your body. Methionine is found in meat, dairy products, and seafood. It is essential for several biological functions. It serves as a precursor in the synthesis of other proteins and is one of the essential amino acids for healthy growth and development in mammals, birds, and other species of animals.

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