Cas Number 9004 34 6 HPMC Hydroxypropyl Methylcellulose Tablet Disintegrant / Capsule Diluent Powder



Product Specification

Highlight:	Cas Number 9004 34 6, 9004 34 6 CAS, Cas No 9004 34 6
• State:	Powder
• Cas No:	9004-34-6
• Einecs:	618-384-9
Purity:	>99%
Melting Point:	200-300°C
• Hs Code:	39129000
Molecular Formula:	C6h7o2(Oh)2CH2coona
Model No:	800-12000

Product Description:

The Model No of this Cellulose Derivatives product is 800-12000, indicating the range of molecular weights present in the product. This wide range of molecular weights offers flexibility in usage and ensures that the product can meet the diverse needs of different applications.

Presented in a powder form, this Cellulose Derivatives product is convenient to handle and can be easily incorporated into various formulations. Its powder state also enhances its dispersibility and solubility, making it an ideal choice for a wide range of applications. With a molecular weight of 162.14 g/mol, this Cellulose Derivatives product exhibits a balanced molecular structure that provides the necessary stability and performance required for its intended applications. The optimal molecular weight ensures that the product can effectively fulfill its functions while maintaining its integrity.

As a key ingredient in pharmaceutical formulations, this Cellulose Derivatives product serves as an excellent tablet disintegrant, facilitating the rapid breakdown of tablets in the gastrointestinal tract for efficient drug release. Its high purity level and functional groups make it a reliable choice for pharmaceutical manufacturers seeking consistent and effective disintegration properties in their formulations. Furthermore, the MCC component of the Cellulose Derivatives product enhances its tablet disintegration capabilities, ensuring quick and reliable dissolution of tablets for optimal drug delivery. The MCC component, known for its superior disintegrating properties, adds to the overall performance and efficacy of the product in pharmaceutical applications.

In summary, the Cellulose Derivatives product with its high purity, functional groups, model no, powder state, and molecular weight offers a reliable and versatile solution for various industries. Its tablet disintegrant properties, particularly enhanced by the MCC component, make it a valuable ingredient in pharmaceutical formulations, ensuring efficient drug release and patient compliance.

Features:

Product Name: Cellulose Derivatives

Toxicity: Generally Considered Safe For Use In Food And Pharmaceuticals

Molecular Weight: 162.14 G/mol Cas No: 9004-34-6 Hs Code: 39129000

Einecs: 618-384-9

Applications:

HPMC, also known as Hydroxypropyl Methyl Cellulose, is a versatile cellulose derivative product originating from China. With a molecular formula of C6H7O2(OH)2CH2COONa, HPMC is widely used in various industries for its exceptional properties.

One of the primary applications of HPMC is in the pharmaceutical industry, specifically in tablet manufacturing. HPMC serves as a vital component in tablet binders and disintegrants, ensuring the structural integrity of tablets while also facilitating their breakdown and dissolution upon ingestion. Its powder state makes it convenient for formulation and processing.

HPMC is a preferred choice for tablet production due to its excellent binding capabilities, allowing for the uniform compaction of tablet ingredients. Moreover, its disintegrating properties promote the rapid breakdown of tablets in the digestive system, enhancing drug absorption and efficacy.

HPMC finds extensive use in the production of MCC (Microcrystalline Cellulose) tablets, where it complements the MCC as a binder and disintegrant. The combination of MCC and HPMC ensures the production of high-quality tablets with optimal drug release profiles. Tablet manufacturers benefit from using HPMC as it helps in achieving precise control over tablet hardness, disintegration time, and drug release rates. Its compatibility with a wide range of active pharmaceutical ingredients (APIs) makes it a versatile choice for formulating different types of tablets.

With its CAS No. 9004-34-6 and HS Code 39129000, HPMC is a reliable and efficient ingredient for pharmaceutical companies seeking to enhance the quality and performance of their tablet formulations. Its consistent quality and proven efficacy make it a trusted product for tablet production across the industry.

FAQ:

Q: What is the brand name of this cellulose derivatives product?

- A: The brand name of this product is HPMC.
- Q: Where is this cellulose derivatives product manufactured?
- A: This product is manufactured in China.
- Q: What are the typical applications of this cellulose derivatives product?
- A: This product is commonly used in construction materials, pharmaceuticals, food products, and cosmetics.
- Q: Is this cellulose derivatives product environmentally friendly?
- A: Yes, this product is biodegradable and considered environmentally friendly.
- Q: Can this cellulose derivatives product be customized for specific applications?
- A: Yes, this product can be customized based on specific requirements and applications.

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