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|  | PRODUCT SPECIFICATION | Rev. No. | 03-201807 |
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D Biotin Pure Specification

D-Biotin is a white crystalline powder with a molecular weight of 244.31. It is slightly soluble in water as well as ethanol but insoluble in other common organic solvents. It is an essential water-soluble vitamin that works with the metabolism of protein, fats, and carbohydrates. D-Biotin is also essential for healthy skin and hair as well as the proper function of growth, digestion, and muscles. Although D-Biotin can be consumed from a wide range of food sources in the diet, most applications are found in nutritional supplement form.


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| CAS No. | 58-85-5 |
| HS Code | 29362930 |
| Packaging | 25kg |
| Place of origin | China |
| Certificate | Haccp, Kosher, Hala, ISO |
| Payment terms: | T/T or L/C |
| Port of dispatch | Shanghai, Tianjin, Qindao |
| Applications | D-Biotin, also called Vitamin H, is a colorless, water-soluble member of the group of B-vitamins. It has many benefits for the hair, skin, and nails. This product is recommended for general food fortification and dietary supplement applications. It is suitable for both solid and liquid vitamin/mineral formulations. |

D Biotin Pure

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| USP37 Specification | |
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| Description and solubility | Practically white, crystalline powder, Very slightly soluble in water and in alcohol, insoluble in other common organic solvents |
| Identification | |
| A. Infrared absorption | To match with the reference IR spectrum |
| B. Specific Optical Rotation | Meet the requirements |
| C. HPLC | The retention time of the major peak of the sample solution corresponds to that of the standard solution, as mentioned in the assay |
| Assay | 97.5~100.5% |
| Related compounds | |
| 1. Individual impurity | ≤ 1.0% |
| 2. Total impurities | ≤ 2.0% |
| Optical Rotation | +89~93 |
| EP8 Specification | |
| Characters | White or almost white, crystalline |
| Identification | |
| A. IR | To match with the reference IR spectrum |
| B. TLC | Meet EP requirement |
| C. Color Reaction | The bromine water is decolourised |

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|---------------------------|----------------------|
| Appearance of solution | Clear and colourless |
| Specific Optical Rotation | +89~93 |
| Related substances | Meet EP requirement |
| Heavy Metals | ≤ 10ppm |
| Loss on drying | ≤ 1.0% |
| Sulphated ash | ≤ 0.1% |
| Assay | 98.5~101.0% |

We're D Biotin Pure **Manufacturers, Suppliers and Wholesalers** in China.

Based on our 15 years in food additives & ingredients market, we have a knowledge of China market and manufacturers. We can help our abroad customers save time selecting good manufacturers and update the current market in China.

Contact Us

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