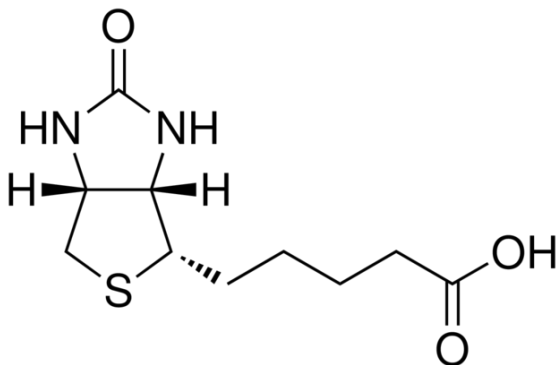


# Technical Data Sheet

## SFG D-Biotin

Biotin

CAS# 58-85-5



Mol. wt. 244.31

Formula C<sub>10</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub>S

### Feature

- Improving the texture of creams and adds body and shine to hair
- Moisturizing and smoothing properties
- Helping to improve brittle nails

### Description

SFG D-Biotin, also known as Coenzyme R, Vitamin B7 or Vitamin H is found naturally in food. In cosmetics and personal care products, Biotin is used primarily in the formulation of hair conditioners, grooming aids, shampoos and moisturizing agents.

### Specifications – USP41

Item	Specification
Appearance	White crystalline powder
Identification	
A. Infrared absorption	Match with the reference IR spectrum
B. Specific 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 obtained in the Assay.
Assay (%)	97.5 ~ 102.0
Specific optical rotation (°)	+89 ~ +93
Individual impurity (%)	≤ 1.0
Total impurities (%)	≤ 2.0

### **Solubility at 25°C**

Very slightly soluble in water and ethanol

### **Storage**

Keep container tightly closed in a dry and well-ventilated place.

### **Shelf Life**

3 years