

Certificate of Analysis

Product Name	Vitamin H (D-biotine)	Batch No.	QY-SWS20210627
Manufacturing Date	2021-06-27	Expiration Date	2024-06-26

Item	Specification	Result
Assay	97.5%-102.0%	99.11%
Appearance	White to almost White crystalline powder	Conforms
Analytical Quality		
Identification		Identical
IR	Match with the reference IR Spectrum	Conforms
Specific Rotation	+89.0°~+93.0°	+91.4°
Retention Time	Should be similar to that of the reference solution	Conforms
Loss on Drying	≤0.4%	0.12%
Residual solvents		
Benzene	≤2ppm	Conforms
Toluene	≤100ppm	Conforms
DMSO	≤5000ppm	Conforms
Related Substances		
Any impurity(HPLC)	≤1.0%	0.24%
Total impurities(HPLC)	≤2.0%	0.36%
Microbiological Tests		
Total Plate Count	≤1000cfu/g	Conforms
Yeast & Mold	≤100cfu/g	Conforms
E.Coli	Negative in 1g	Negative
Salmonella	Negative in 1g	Negative
Staphylococcus aureus	Negative in 1g	Negative
Pseudomonas aeruginosa	Negative in 1g	Negative
Enterobacteria	Negative in 1g	Negative
Conclusion	Conform with specification	

Storage Cool & dry place.Do not freeze.Keep away from strong light and heat.

Shelf Life 36 months under the conditions above and in its original packaging.

Package In double sealed PP bags, 10/25kgs Drum.

Tested by: Mr Chen Date: 2021-07-02