

CERTIFICATE OF ANALYSIS

Product Name	D-Biotin	Batch No	BN-200925
Quantity	50KG	Analysis Date	Sep.28,2020
Mfg. Date	Sep.25,2020	Exp. Date	Sep.24,2022
Package	1kg/BAG	Standard	EP7.0

No.	Item	Specification	Result
1.	Appearance	White or almost white crystalline powder	Complies
2.	Identification	To match with the Reference IR Spectrum	Complies
3.	Assay	98.5%~101.0%	98.8%
4.	Specific Rotation	+89~+93°	+91°
5.	Loss on drying	≤1.0%	0.03%
6.	Ash	≤0.1%	0.02%
7.	Related substances	Individual impurity≤0.5% Impurity NMT 1 spot	<0.5% 0
8.	Particle size	100% pass 100mesh	Complies
9.	Heavy metals	≤10.0ppm	<10.0ppm
10.	Residual Solvents	Benzene≤2ppm Toluene≤100ppm DMSO≤5000ppm	<0.2ppm <10ppm <500ppm
11.	Aerobic bacteria	≤1000cfu/g	140cfu/g
12.	Yeasts & Moulds	≤50cfu/g	10cfu/g
13.	Enterobacteria	Negative	Negative

Conclusion: Conform to the GB26687-2011 Standard.

Storage: Keep containers dry and tightly closed to avoid toxic and hazardous substances.

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