

Certificate of Analysis

Product Information			
Product Name	D-Biotin	Report Number	DBP20240330
Batch Number	DBP240305	Manufacture Date	2024/03/05
Batch Quantity	200Kg	Expiry Date	2026/03/04
<i>Test Items</i>	<i>Specifications</i>	<i>Result</i>	
Appearance	Off-white to White Crystalline Powder	Conforms	
Assay	97.5% ~ 102.0%	99.41%	
Identification	Meet the requirement	Conforms	
Loss on Drying	≤0.2%	0.07%	
Residue on ignition	≤ 0.1%	0.03%	
Specific Rotation	+89.0°~+93.0°	90.6°	
Melting Range	229°C ~ 232°C	Conforms	
Solution Color and Clarity	Solution clarity and the samples should be light in color standard.	Conforms	
Lead (Pb)	<2.0mg/kg	Conforms	
Arsenic (As)	<1.0mg/kg	Conforms	
Single Impurity	≤1.0%	0.18%	
Total Impurity	≤2.0%	0.66%	
Total Aerobic Count	≤1000cfu/g	110cfu/g	
Yeast & Moulds	≤100cfu/g	10cfu/g	
E-Coli	Negative	Conforms	
Salmonella	Negative	Conforms	
Conclusion			
Conclusion	To be complied with in-house Specification and USP42.		
Shelf Life	2 years when properly stored.		
Storage	Store in cool & dry place, not freeze. Keep away from strong light.		

Tested by: 张丽娜

Checker:

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Approved:

