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## Certificate of Analysis

<b>Product Name:</b>	Biotin	<b>Manufacture Date:</b>	25 <sup>th</sup> , Sept, 2024
<b>Other Name:</b>	Vitamin B7/Vitamin H	<b>Batch No:</b>	Sj20240925
<b>Batch Quantity:</b>	1600 Kg	<b>Expiration Date</b>	24 <sup>th</sup> , Sept, 2026
<b>Test Method:</b>	HPLC	<b>Standards:</b>	USP40

Item	Standard	Result
Appearance	White crystalline powder	Qualified
Assay	98.5%-100.5%	99.85%
Loss on drying	≤0.2%	0.03%
Specific Rotation	+89.0°~+93.0°	+91.5°
Melting Range(°C)	229°C~232°C	Complies
Ash	≤0.1%	0.04%
Solution color and clarity	Solution clarity and the samples should be light in color standard	Qualified
Heavy Metals(Pb)	≤10mg/kg	<10 mg/kg
Lead(Pb)	≤1mg/kg	<1 mg/kg
Arsenic(As)	≤1mg/kg	<1 mg/kg
Total number of colonies	≤1000 cfu/g	<1000 cfu/g
Molds and yeast	≤100 cfu/g	<100 cfu/g
Diarrheogenic colon aishi bacteria	Not be detected(25g)	Not detected
Salmonella	Not be detected(25g)	Not detected

<b>Storage</b>	Store in cool & dry place
<b>Shelf life</b>	24 months properly stored

Quality Assurance Officer: XiaoLiang Li

Analyst: Li He

