

CERTIFICATE OF ANALYSIS

Product:	D-生物素 D-Biotin
Catalog Number:	58-85-5
Molecular Formula:	C10 H16 N2 O3 S
Molecular Weight:	244.3106
Lot No.:	130208
Expiry Date:	03/2023
Storage:	Room temperature, dry, tightly closed lined container.

TESTS	SPECIFICATIONS	RESULTS
Appearance :	White to whitelike crystalline powder	Qualified
Identification :	Should meet the requirements	Qualified
Assay :	98.5%-100.5%	100.3%
LOSS on drying :	≤0.2%	0.04%
Specific Rotation :	+89.0 ⁰ -+93.0 ⁰	+90.80 ⁰
Meting range (C) :	229°C-232°C	229°C-232°C
Ash :	≤0.1%	0.1%
Solution color and clarity :	Solution clarity and the samples should be light color standard	Qualified
Heavy Metals :	≤ 10 mg/kg	< 10 mg/kg
Lead(以 Pb 计) :	≤2mg/kg	<2 mg/kg
Arsenic :	≤1 mg/kg	<1 mg/kg
Related substances :	Any impurity ≤0.5%;At most one impurity ≥0.25%	Qualified
Total number of colonies :	≤ 1000cfu/g	< 1000cfu/g
Molds and yeast.	≤ 100cfu/g	< 100cfug
Diarrheogenic Aishi bacteria	Not be detected (25g)	Not detected
Saimonela	Not be detected (25g)	Not dletedcted

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Quality Inspector

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