



WUHAN RISON TRADING CO.,LTD

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CERTIFICATE OF ANALYSIS

Product Name: D-Biotin

Cas No.: 58-85-5

Batch No.: VH1903013

Packing size: 1kg/tin, 10kg/ctn

Production Date: 2019-05-18

Expiry Date: 2022-05-17

Quantity: 120kg

Submitted Date: 2019-05-22

Testing Standard: EP9

Report Date: 2019-05-22

Item	Standard	Result
Appearance	A white or almost white, crystalline powder or colourless crystals	Conform
Appearance of solution: 0.01g/ml solution (in 4g/l NaOH)	Clear and colourless	Conform
Identification	Infrared absorption	Conform
Specific Rotation	+89°~ +93°	+90.3°
Assay (titration,0.1N NaOH)	98.5% ~ 100.5%	99.5%
Heavy metals	≤10mg/kg	Conform
Sulphated ash	≤0.1%	0.09%
Loss on drying	≤0.5%	0.08%
Related substances:		
	any impurity shall not more than 0.5%	Conform
	at most one impurity more than 0.25%	Conform
Conclusion	Conforms to EP9	

For and on behalf of
WUHAN RISON TRADING CO., LTD.

Aema

Authorized Signatures