

Certificate of Analysis

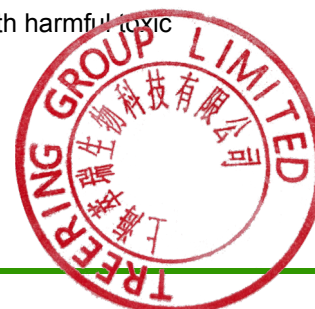
Product Name: **D-Biotin** Specification: **Pure**
Batch No.: **TR20250314** Quantity: **10,000 KGS**
Production Date: **Mar 14-2025** Expiry Date: **Mar 14-2027**

Items	Unit	Standard	Results
Appearance	-	Practically white, crystalline powder	Conforms
Identification-IR	-	Consistent with the reference IR Spectrum	Conforms
Specific Rotation	-	+89°to +93°	+90.2°
Melting range(°C)	-	229°C~232°C	230.0°C~231.0°C
Particle Size	-	90% Pass 80 mesh	Conforms
Retention Time	-	Retention time of the major peakcorresponds to that of the standard solution.	Conforms
Ash	%	≤0.1%	0.0005
-Individual impurity	%	≤1.0%	0.002
-Total impurities	%	≤2.0%	0.005
Assay	%	97.5%~102.0%	0.999
-Lead	PPM	≤2mg/kg	<0.09mg/kg
-Arsenic	PPM	≤1mg/kg	<0.04mg/kg
-Total Aerobic Microbial Count	CFU/G	NMT 1000CFU/g	<1000CFU/g
-Total Yeasts and Moulds Count	CFU/G	NMT 100CFU/g	<100CFU/g
-E. Coli	-	Negative/1g	Negative
-Salmonella	-	Negative/10g	Negative

CONCLUSION: This batch complies with USP2022 standard.

PACKING: 10 KGS/CTN

STORAGE: Stored in a cool,dry environment,strictly prohibited storing and shipping with harmful toxic



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