TIANCI

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SPECIFICATION

D-Biotin

Item	Specification
Description	White or white like crystalline powder
IR	Match with the Reference IR Spectrum
Specific Rotation	+89° ~ +93°
Solution color and clarity	rity and the samples should be light in color standard
Loss on drying	≤0.2%
Ash	≤0.1%
Benzene	≤2ppm
Toluene	≤100ppm
DMSO	≤5000ppm
Assay	98.5% ~ 100.5%
Single impurities	≤1.0%
Total impurities	≤2.0%
Heavy metals	≤10ppm
Pb	≤2ppm
As	≤1ppm
Total viable aerobic count	≤1000cfu/g
Total yeasts and moulds count	≤100cfu/g
Escherichia coli	N.D/25g
Staphylococcus aureus	N.D./25g
Pseudomonas aeruginosa	N.D./25g
Enterobacteria	N.D./25g
Salmonella species	N.D./25g
Conclusion	Meet the Standard of USP42