TIANCI

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SPECIFICATION

D-panthenol

Item	Specification
Appearance	Colorless, viscous and clear liquid
Identification	A: Infrared absorption (197F) B: the sample solution: a deep blue color develops. C: the sample solution: a purplish red color develops.
Assay(on the anhydrous basis)	98.0%～102.0%
Water	≤1.0%
Specific rotation	+29.0。～+31.5。
Limit of aminopropanol	≤1.0%
Residue on ignition	≤0.1%
Refractive Index(20℃)	1.495～1.502
Heavy metals	≤20ppm
Organic volatile impurities	Meet the requirements
Conclusion	Meet the standard of USP39