

Product Information

Product Name	D-Panthenol	Shelf life	24 months
Batch No.	210322Y061	Manufacturing Date	2021-03-22

Product Characteristic

CHARACTERISTIC	SPECIFICATION	RESULT
Appearance	A colorless or slightly yellowish, viscous hydroscopic liquid (may crystallized on storage)	Conforms
Identification		Conforms
A: Infrared absorption (197F)	Conform to USP43	Conforms
B: The sample solution:	a deep blue color develops.	Conforms
C: The sample solution:	a purplish red color develops	Conforms
Assay, %	98.0-102.0%	98.8%
Water determination	≤ 1.0%	0.058%
Specific optical rotation	+29.0° ~+31.5°	30.8°
Limit of aminopropanol	≤ 1.0%	0.45%
Residue on ignition	≤ 0.1%	0.1%
Refractive index	1.495-1.502	Conforms
Heavy metals	≤ 20ppm	Conforms