

# Specification

## Technical Data Sheet

<b>Product Name</b>	D-Panthenol
<b>Product No</b>	22120973
<b>CAS Number</b>	81-13-0
<b>Storage Temperature</b>	2 to 8 °C
<b>Molecular Weight</b>	205.25
	<b>Specification</b>
<b>Appearance</b>	Colourless, viscous and slightly yellow liquid
<b>Heavy metals</b>	≤20ppm
<b>Water</b>	≤1.0%
<b>Assay</b>	98.0% - 101%
<b>Residue on Ignition</b>	≤0.1%
<b>Specific optical rotation</b>	+29.0° - +32 °
<b>Identification (IR)</b>	Conforms to structure

## Specification

---

**Limit of aminopropanol**                     $\leq 1.0\%$

---

**Refractive Index (20°C )**                    1.495 - 1.502

---