

# Product Specification – Allantoin



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## Specification Information

<b>CAS No:</b>	97-59-6
<b>EC No:</b>	202-592-8
<b>Full INCI Name:</b>	Allantoin
<b>Assay</b>	98.5-101.0%
<b>Characteristic</b>	White crystalline powder.
<b>Melting Point</b>	225°C, with decomposition
<b>Solubility</b>	Slightly soluble in water Very slightly soluble in alcohol
<b>Identification</b>	A. Infrared spectrum is march with the spectrum of allantoin CRS B. Thin-Layer Chromatographic Identification Test
<b>Acidity or alkalinity</b>	To conform
<b>Optical rotation</b>	-0.10 <sup>g</sup> ~+0.10 <sup>g</sup>
<b>Related substances</b>	< 0.5%
<b>Loss on drying</b>	< 0.5%
<b>Sulphated Ash</b>	< 0.05%
<b>Heavy Metal (Pb)</b>	≤ 10ppm