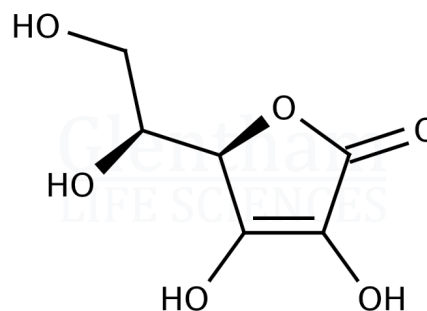


## Product Specification

Product Name	L-(+)-Ascorbic acid
Glentham Code	GV5017
CAS Number	50-81-7
EINECS	200-066-2
MDL Number	MFCD00064328
PubChem SID	310267041
Molecular Weight	176.12
Molecular Formula	C <sub>6</sub> H <sub>8</sub> O <sub>6</sub>
Storage Temp.	+20°C



Property	Specification
Physical Description	White crystalline powder
Melting Point	190 - 192 °C
pH	2.2 - 2.5
Heavy Metals	≤ 0.0010%
Iron	≥ 2ppm
Copper (Cu)	≥ 5ppm
Oxalic Acid	≤ 0.2%
Sulphated Ash	≤ 0.1%
Specific Optical Rotation ([α] <sub>D</sub> <sup>20</sup> )	+20.5 - +21.5 °
Residual Solvents	≤ 3000ppm
Related Substances	Impurity C ≤ 0.15%
	Impurity D ≤ 0.15%
	Impurity E ≤ 0.2%
Assay	99.0 - 100.5 %
Pharmacopoeia Specification(s)	USP / BP / EP

Specification Version	-	v1.1
Date Created	-	2022-04-20

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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