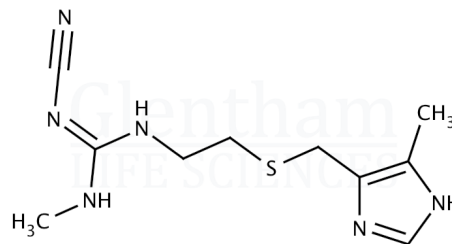


## Certificate of Analysis

Product Name	Cimetidine, USP grade
Glentham Code	GP0111
CAS Number	51481-61-9
EINECS	257-232-2
MDL Number	MFCD00133296
Batch Number	771LVB
Molecular Weight	252.34
Molecular Formula	C <sub>10</sub> H <sub>16</sub> N <sub>6</sub> S
Storage Temp.	+4°C



Property	Specification	Batch 771LVB
Physical Description	White crystalline powder	White crystalline powder
Identification	A, B according to USP	Conforms
Melting Point	139 - 144 °C	142.3 - 143.7 °C
Heavy Metals	≤ 20ppm	Conforms
Any Individual Impurity	≤ 0.2%	0.15%
Total Impurities	≤ 1.0%	0.61%
Residue on Ignition	≤ 0.2%	0.05%
Loss on Drying	≤ 1.0%	0.67%
Assay	98.0 - 102.0 % (dried basis)	99.4%
Pharmacopoeia Specification(s)	USP	Up to USP42

Specification Version	v1.0
Manufacture Date	2021-02-28
Re-Test Date	2029-04-22

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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