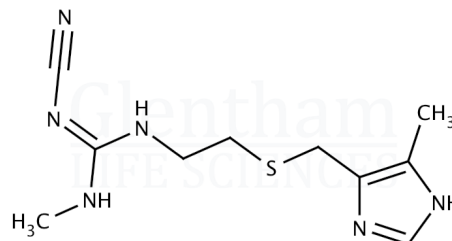


Certificate of Analysis

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 ₁₀ H ₁₆ N ₆ 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 or contact us using the details above for the current version of this document.

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