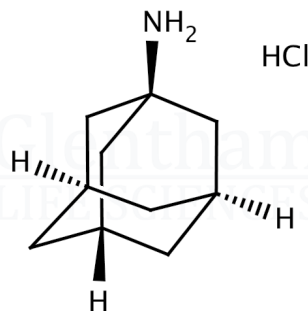


Certificate of Analysis

Product Name Amantadine hydrochloride
Glentham Code GP6034
CAS Number 665-66-7
EINECS 211-560-2
MDL Number MFCD00074723
PubChem SID 310266112
Batch Number 230WSK

Molecular Weight 187.71
Molecular Formula $C_{10}H_{17}N \cdot HCl$
Storage Temp. +20°C



Property	Specification	Batch 230WSK
Physical Description	White to off-white powder	Off-white powder
Identification (IR)	To conform to standard	Conforms
pH (20% in water)	3.0 - 5.5	4.2
Melting Point	≥ 300°C	Conforms
Individual Impurities	≤ 0.3%	0.05%
Total Impurities	≤ 1.0%	0.09%
Heavy Metals	≤ 10ppm	5ppm
Assay	≥ 99.0%	100.1%

Specification Version v1.0
Manufacture Date 2019-01-01
Re-Test Date 2029-12-09

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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