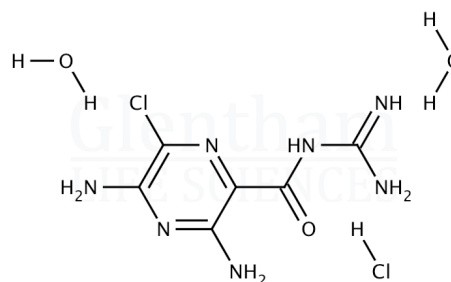


Certificate of Analysis

Product Name	Amiloride hydrochloride dihydrate
Glentham Code	GP9032
CAS Number	17440-83-4
PubChem SID	310266134
Batch Number	323DWR

Molecular Weight	302.12
Molecular Formula	$C_6H_8ClN_7O \cdot HCl \cdot 2H_2O$
Storage Temp.	+20°C



Property	Specification	Batch 323DWR
Physical Description	Yellow to light-brown crystalline powder	Yellow-brown crystalline powder
Assay	98.0 - 101.0 %	99.31%
Melting Point	291.0 - 293.0 °C	291.5 - 292.5 °C
Loss on Drying	11.0 - 13.0 %	12.56%
Residue on Ignition	≤ 0.1%	0.05%
Heavy Metals	≤ 20ppm	13ppm

Specification Version	v1.0
Manufacture Date	2013-12-20
Re-Test Date	2028-03-10

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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