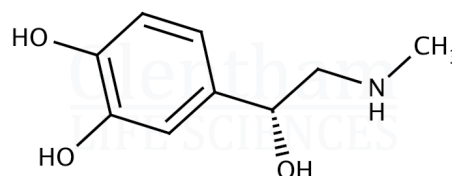


Certificate of Analysis

Product Name	Epinephrine
Glentham Code	GP2165
CAS Number	51-43-4
EINECS	200-098-7
MDL Number	MFCD00002204
PubChem SID	310272599
Batch Number	134WHM
Molecular Weight	183.20
Molecular Formula	C ₉ H ₁₃ NO ₃
Storage Temp.	+4°C



Property	Specification	Batch 134WHM
Physical Description	White or almost white crystalline powder	Almost white crystalline powder
Solubility (5% in 0.5M HCl)	Clear, colourless to pale yellow solution	Clear, pale yellow solution
Specific Optical Rotation ([α] _{20/D})	-53.5 - -50.0 °	-50.7°
Residue on Ignition	≤ 0.1%	0.05%
Loss on Drying	≤ 2.0%	0.9%
Assay	98.0 - 102.0 % (dried basis)	98.2%

Specification Version	v1.1
Manufacture Date	2022-12-14
Re-Test Date	2030-04-04

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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