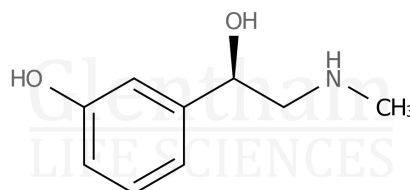


Product Specification

Product Name	L-Phenylephrine, EP grade
Glentham Code	GP2892
CAS Number	59-42-7
EINECS	200-517-3
MDL Number	MFCD00044749
Additional CAS	61-76-7 (·HCl)

Molecular Weight	167.21
Molecular Formula	$C_9H_{13}NO_2$
Storage Temp.	+20°C



Property	Specification
Physical Description	White or almost white crystalline powder
Identification	A, B, C, D to pass according to EP
Solubility (10% in 1M HCl)	Clear, colourless solution ($\leq Y7$)
Specific Optical Rotation	-53.0 - -57.0 ° (c=5, 1M HCl, dried)
Impurity C	$\leq 0.1\%$
Impurity E	$\leq 0.1\%$
Any Unspecified Impurity	$\leq 0.1\%$
Total Impurities	$\leq 0.2\%$
Sulphated Ash	$\leq 0.1\%$
Loss on Drying	$\leq 0.5\%$ (105°C)
Assay	99.0 - 100.5 % (dried substance)
Pharmacopoeia Specification(s)	EP

Specification Version	-	v1.0
Date Created	-	2017-10-09

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025