

Certificate of Analysis

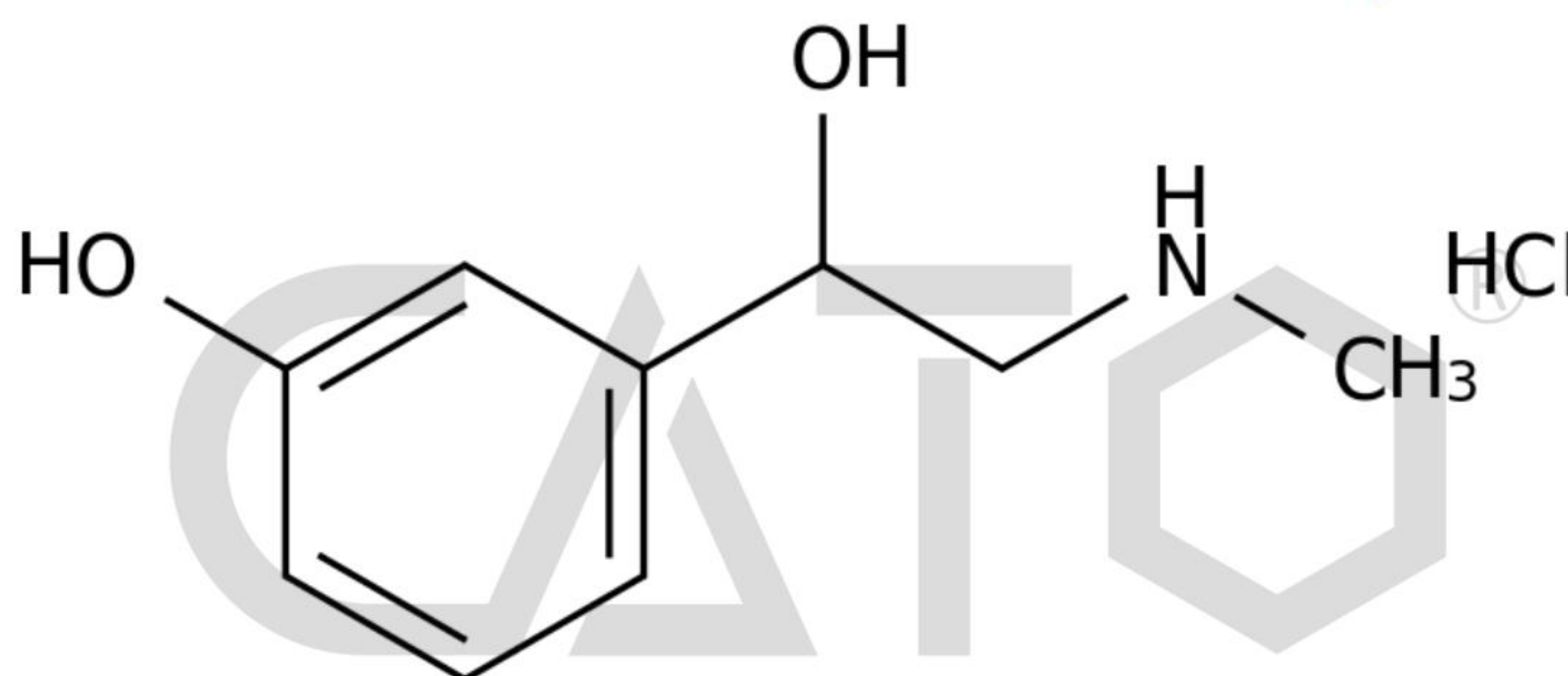
Reference Material & Standard

Product Name:	Phenylephrine Impurity 29	Catalogue Number:	C4X-146729
Synonyms:	N/A	Lot Number:	0409-RH-0030
CAS Number:	154-86-9	Expiry Date:	Apr 07, 2030
Molecular Formula:	C ₉ H ₁₃ NO ₂ HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	167.21 36.46	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.2252%
Loss on Drying	TGA	0.430%
Assay		94.8%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Apr 10, 2026

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