

Certificate of Analysis

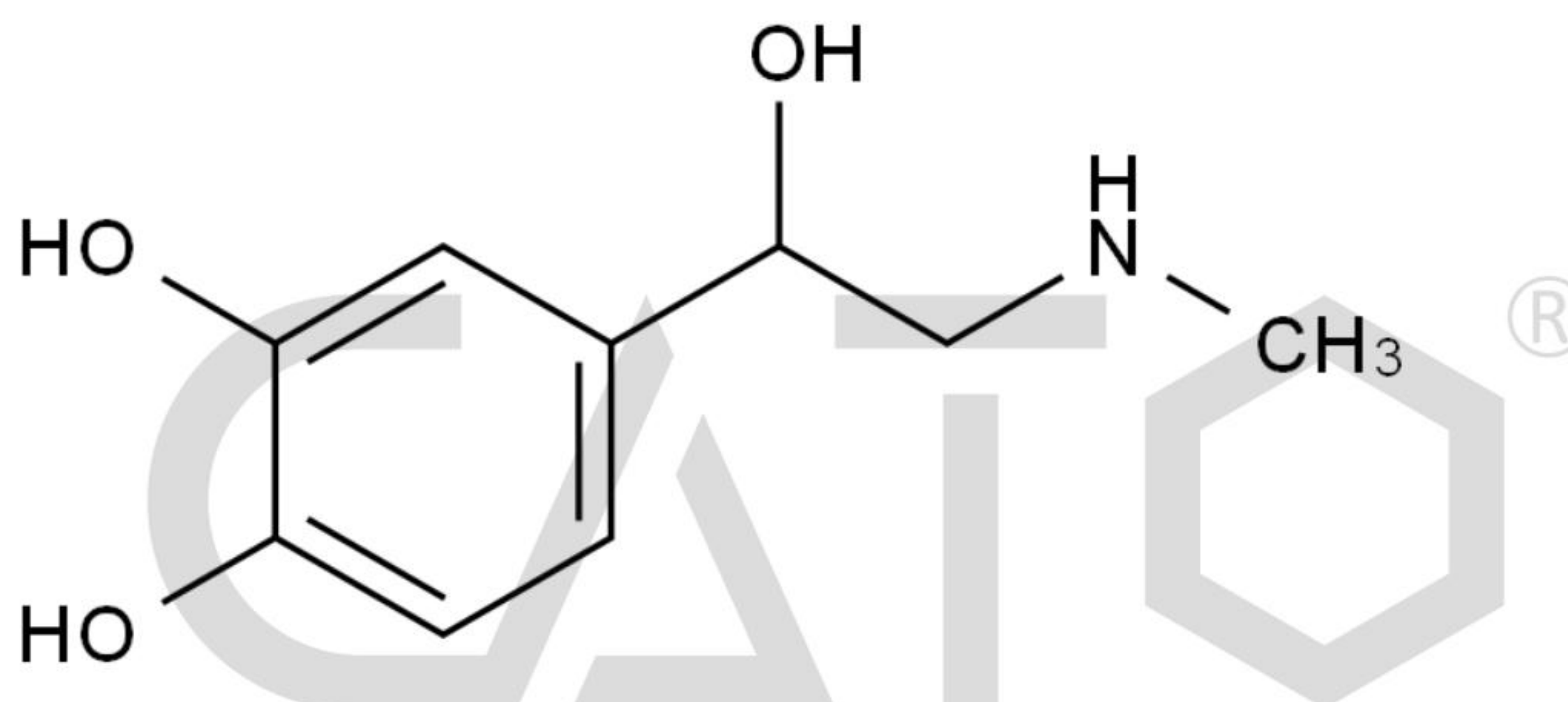
Reference Material & Standard

Product Name:	Dipivefrine EP Impurity A	Catalogue Number:	C4X-151456
Synonyms:	DL-Adrenalin	Lot Number:	1214-RB-0006
CAS Number:	329-65-7	Expiry Date:	Apr 09, 2028
Molecular Formula:	C ₉ H ₁₃ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	183.20	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	96.500%
Residue on Ignition	Muffle Furnace	0.11%
Loss on Drying	TGA	0.8314%
Specific Rotation		[α] _D 18.9(c=1.0125,HCl): 00.000°
Assay		95.6%

Comment:

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

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

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Apr 10, 2025

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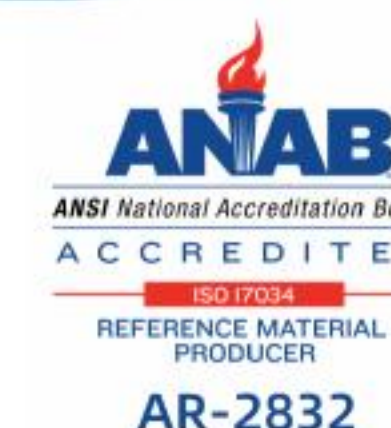
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

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