

Certificate of Analysis

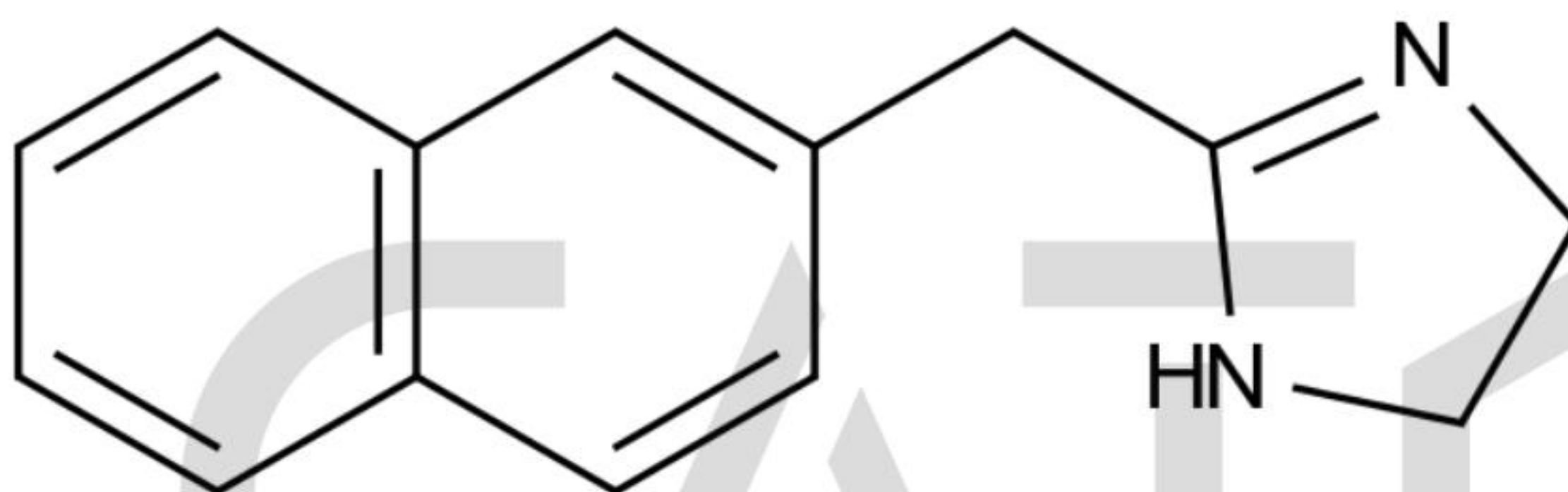
Reference Material & Standard

Product Name:	Naphazoline EP Impurity D Hydrochloride	Catalogue Number:	C1878118
Synonyms:	N/A	Lot Number:	0820-RF-0032
CAS Number:	6028-15-5	Expiry Date:	Aug 26, 2027
Molecular Formula:	C ₁₄ H ₁₄ N ₂ HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	210.27 36.46		

Warning:



Chemical Structure:



H — Cl

Test Items	Method	Results
Appearance	Visual inspection	Brown-Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.818%
Loss on Drying	TGA	0.35%
Assay		99.5%

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:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Aug 28, 2024

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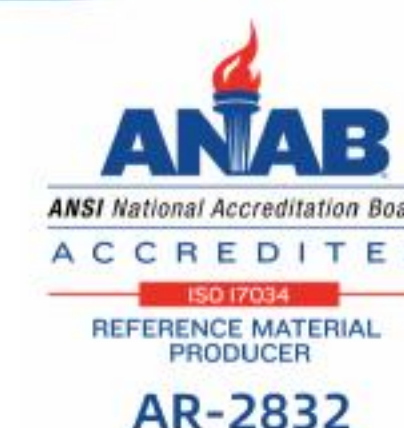
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