

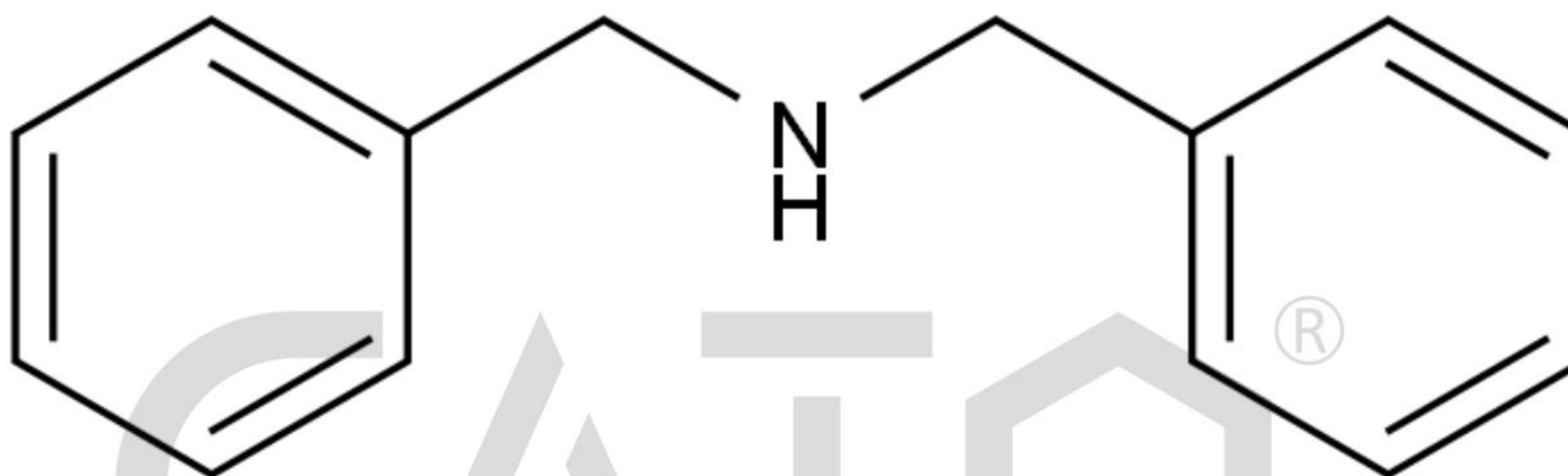
Certificate of Analysis

Reference Material & Standard

Product Name:	Norepinephrine EP Impurity F	Catalogue Number:	C4X-15147
Synonyms:	N/A	Lot Number:	0319-RG-0015
CAS Number:	103-49-1	Expiry Date:	Mar 18, 2028
Molecular Formula:	C14H15N	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	197.28	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	96.866%
Loss On Drying	TGA	1.4448%
Assay		95.5%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Mar 19, 2025

Date: Mar 19, 2025

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