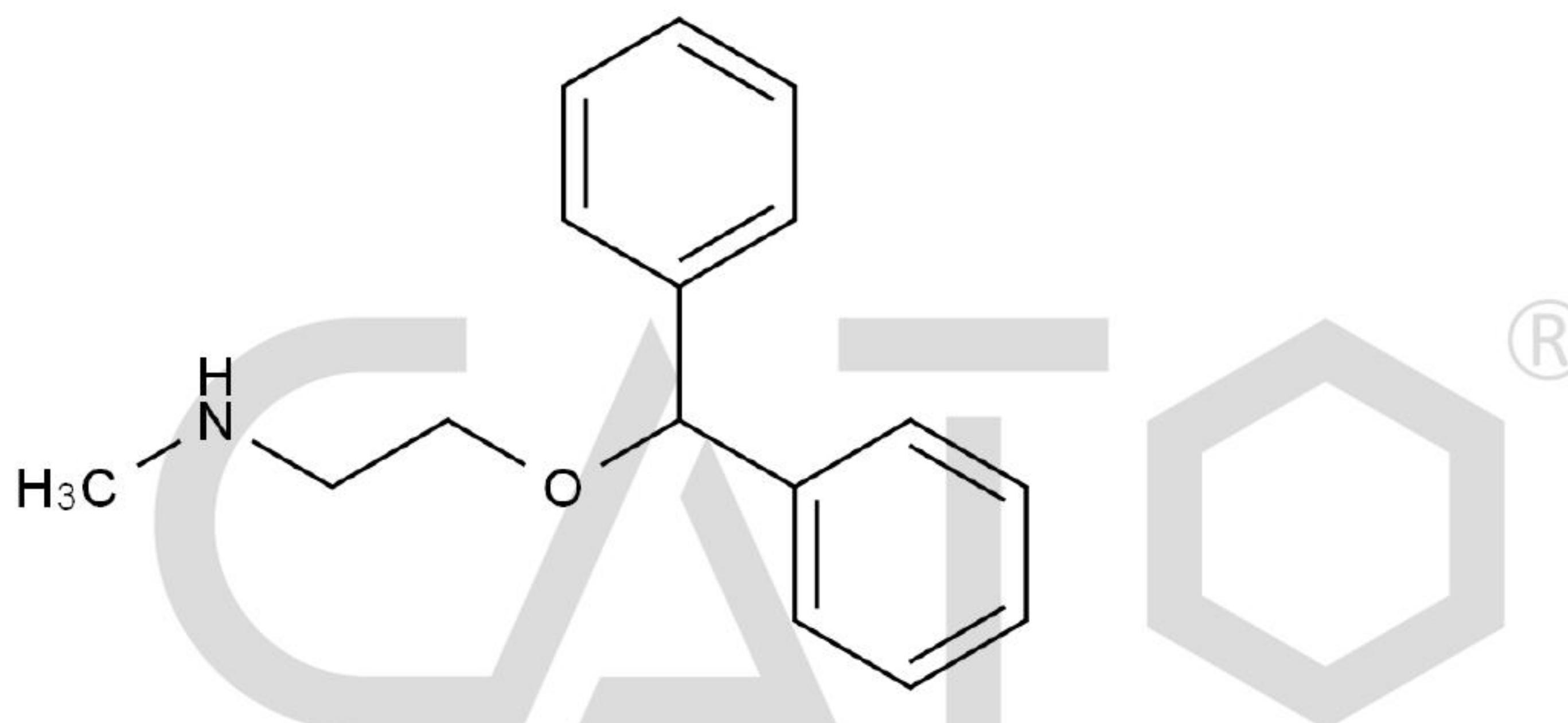


Certificate of Analysis

Reference Material & Standard

Product Name:	Diphenhydramine EP Impurity A(Dimenhydrinate EP Impurity F)	Catalogue Number:	C4X-14241
Synonyms:	N/A	Lot Number:	0730-RH-0087
CAS Number:	17471-10-2	Expiry Date:	Aug 02, 2030
Molecular Formula:	C ₁₆ H ₁₉ NO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	241.33	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.087%
Loss on Drying	TGA	1.0739%
Assay		96.0%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 03, 2026

Date: Aug 03, 2026

Date: Aug 03, 2026



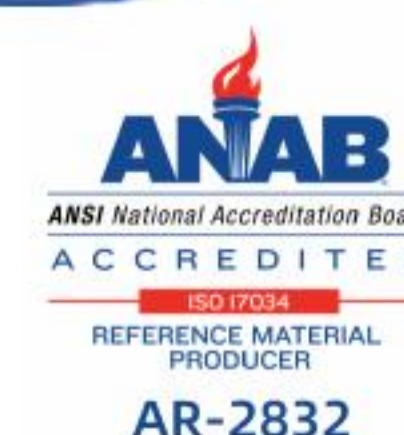
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