

Certificate of Analysis

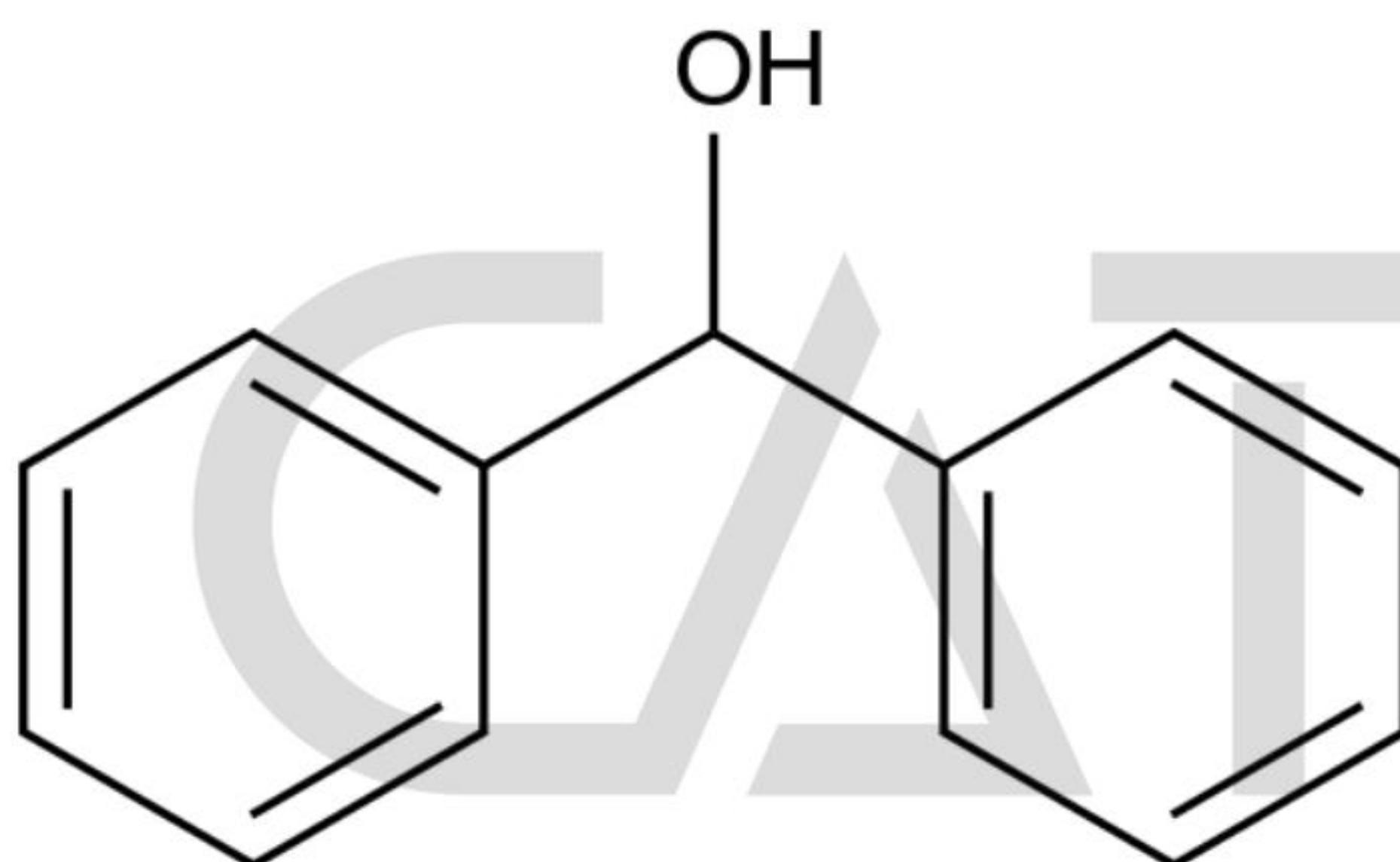
Reference Material & Standard

Product Name:	Dimenhydrinate EP Impurity I	Catalogue Number:	C4X-202910
Synonyms:	Diphenhydramine Hydrochloride EP Impurity D; Dimenhydrinate EP Impurity I; Ebastine EP Impurity A; Benzhydrol	Lot Number:	0528-RC-0015
CAS Number:	91-01-0	Expiry Date:	Aug 23, 2030
Molecular Formula:	C ₁₃ H ₁₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	184.23	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.818%
Loss on Drying	TGA	0.1366%
Assay		99.7%

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:

Lisa

Reviewed by:

Jim

Approved by General Manager:

David

Date: Aug 24, 2026

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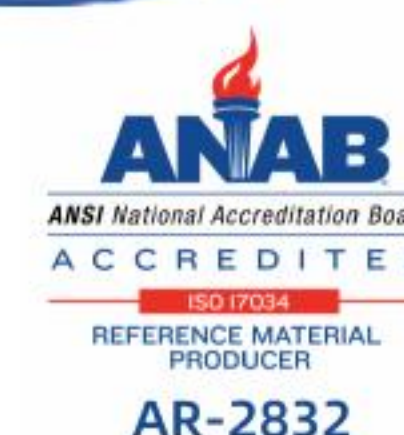
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Page 1 of 6



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