

Certificate of Analysis

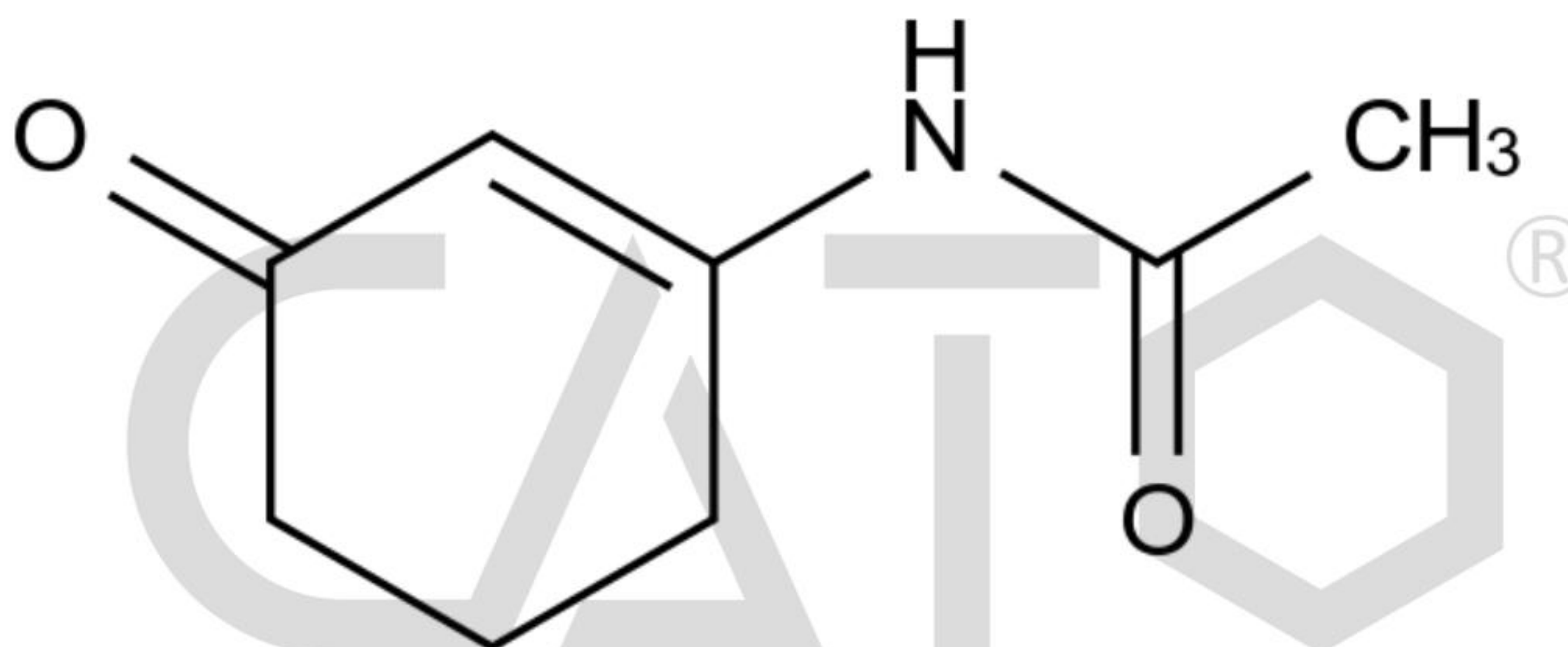
Reference Material & Standard

Product Name:	Carteolol Impurity 29	Catalogue Number:	C4X-228729
Synonyms:	N/A	Lot Number:	0629-RH-0113
CAS Number:	23674-56-8	Expiry Date:	Jul 01, 2030
Molecular Formula:	C ₈ H ₁₁ NO ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	153.18	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.692%
Loss on Drying	TGA	0.1620%
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 GC (%) / 100%

Loss on Drying is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 02, 2026

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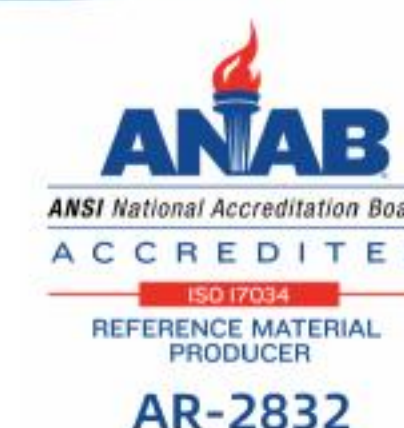
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