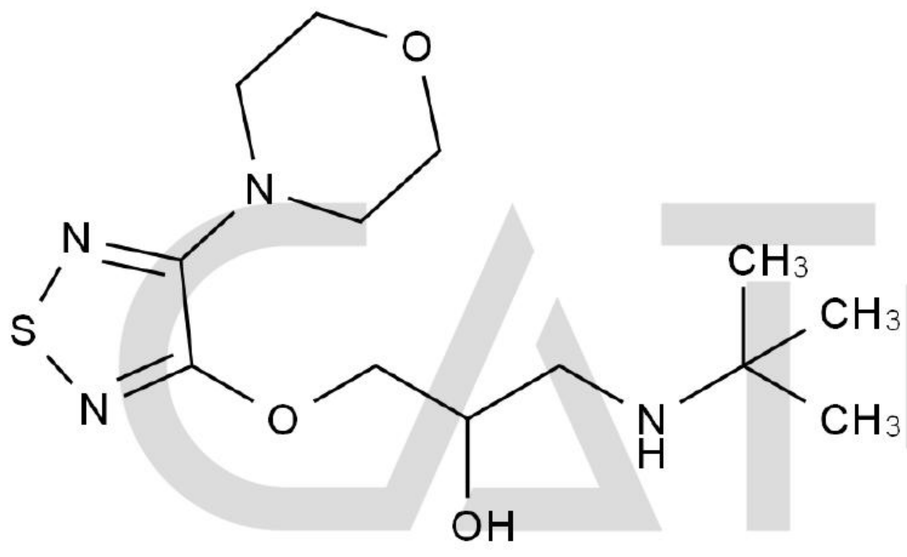
Certificate of Analysis

Reference Material & Standard

Product Name:	Timolol	**Catalogue Number:**	CCAD303526
Synonyms:	N/A	**Lot Number:**	0916-RH-0019
CAS Number:	26839-75-8	**Expiry Date:**	Sep 14, 2030
Molecular Formula:	$C_{13}H_{24}N_4O_3S$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	316.42	**Shipping Condition:**	Shipping with Ice Packs
		Warning:	

Chemical Structure:



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Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Sticky Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.219%
Residue on Ignition	TGA	0.5336%
Loss on Drying	TGA	4.2575%
Assay		94.5%
Uncertainty		±0.5%

Comment:

1. The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Residue on Ignition-Loss on Drying) * Purity HPLC (%) /100%*
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by: Lisa — Date: Sep 17, 2026

Reviewed by: Hinlam — Date: Sep 17, 2026

Approved by General Manager: David — Date: Sep 17, 2026

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