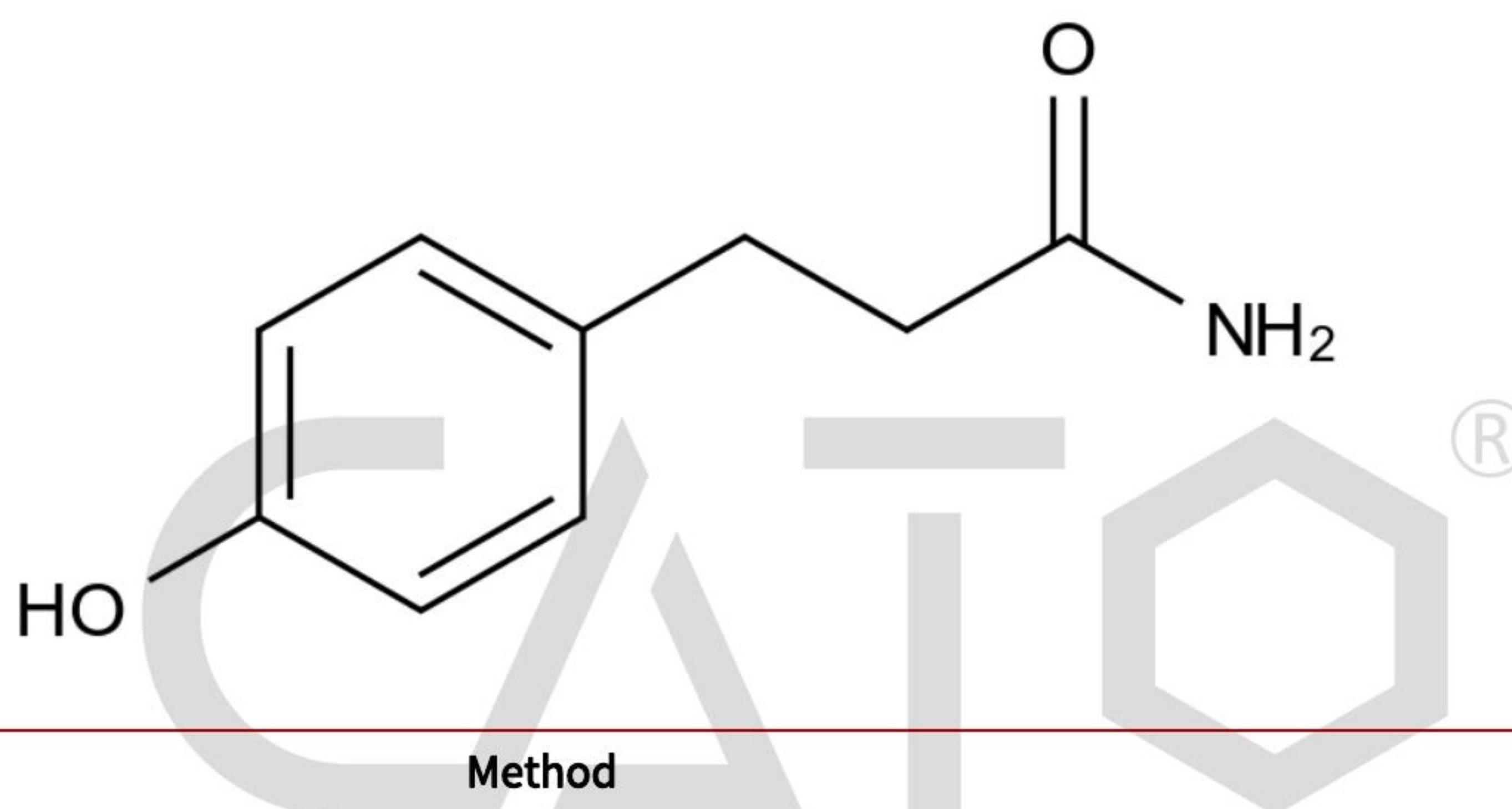


Certificate of Analysis

Reference Material & Standard

Product Name:	Esmolol Impurity 58	Catalogue Number:	C4X-189158
Synonyms:	N/A	Lot Number:	1226-RF-0052
CAS Number:	23838-70-2	Expiry Date:	Dec 30, 2027
Molecular Formula:	C ₉ H ₁₁ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	165.19		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.9%
Assay	qNMR	94.2%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Dec 31, 2024

Date: Dec 31, 2024

Date: Dec 31, 2024

