

Certificate of Analysis

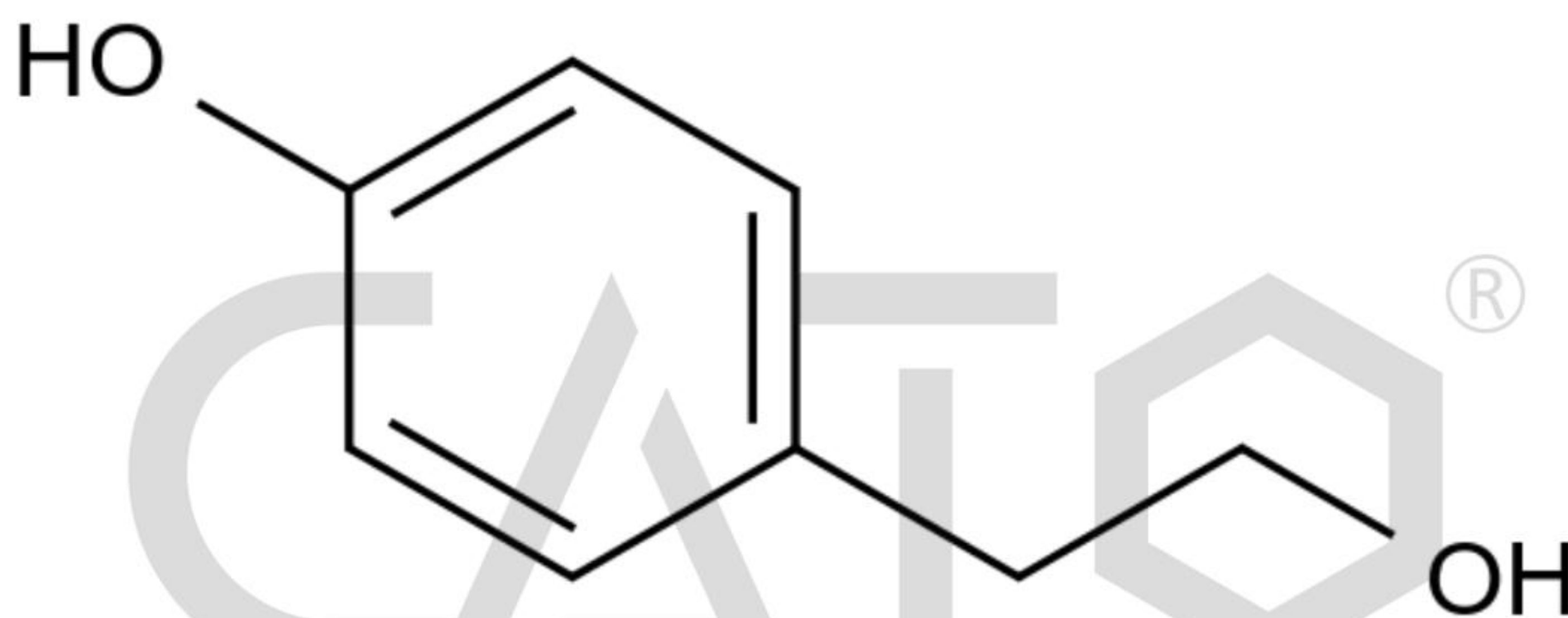
Reference Material & Standard

Product Name:	Metoprolol EP Impurity G	Catalogue Number:	C4X-13677
Synonyms:	N/A	Lot Number:	0407-RH-0070
CAS Number:	501-94-0	Expiry Date:	Apr 06, 2030
Molecular Formula:	C ₈ H ₁₀ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	138.16	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	0.1454%
Assay		99.9%

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:

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Reviewed by:

Lisa

Approved by General Manager:

David

Date: Apr 07, 2026

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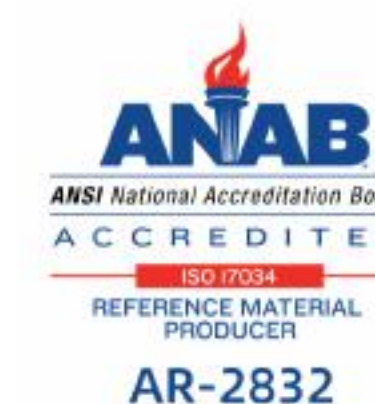
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