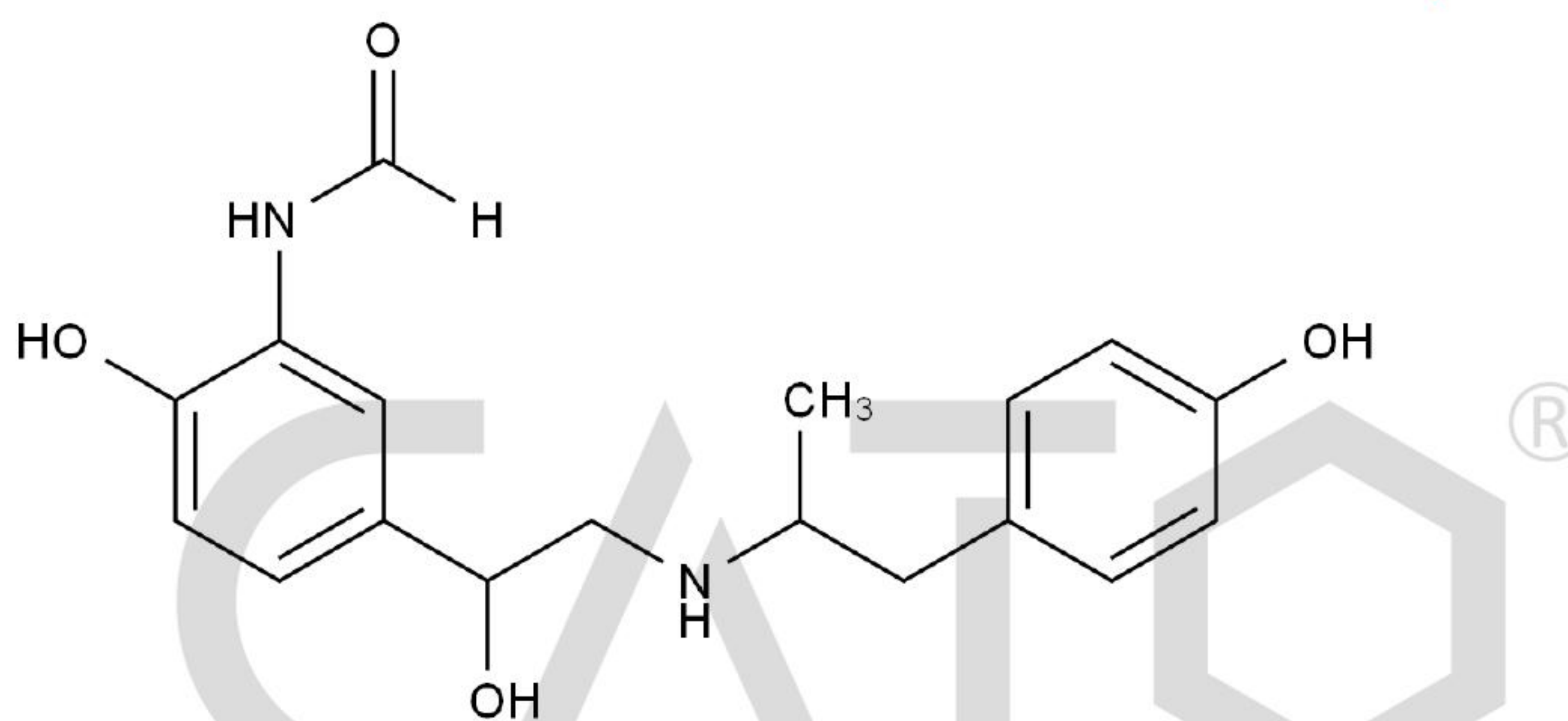


Certificate of Analysis

Reference Material & Standard

Product Name:	Formoterol Impurity 24	Catalogue Number:	C4X-152524
Synonyms:	N/A	Lot Number:	0820-RG-0021
CAS Number:	49861-92-9	Expiry Date:	Aug 22, 2029
Molecular Formula:	C ₁₈ H ₂₂ N ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	330.38	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.7632%
Loss On Drying	TGA	2.905%
Assay		94.9%

Comment:

The calculation of the 100% 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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Aug 25, 2025

Date: Aug 25, 2025

Date: Aug 25, 2025

