

Certificate of Analysis

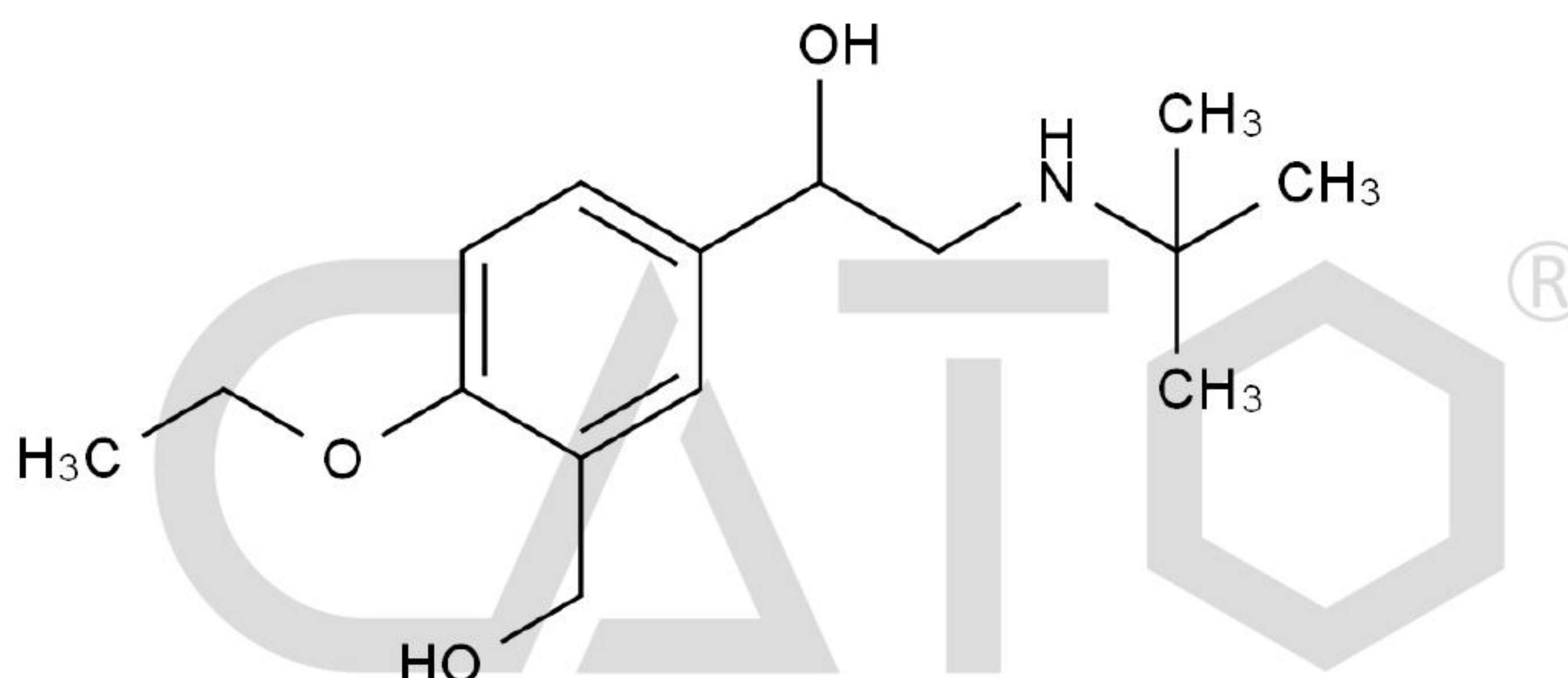
Reference Material & Standard

Product Name:	Salbutamol Impurity 21	Catalogue Number:	C4X-117621
Synonyms:	N/A	Lot Number:	0710-RE-0029
CAS Number:	2387728-91-6	Expiry Date:	Apr 16, 2028
Molecular Formula:	C ₁₅ H ₂₅ NO ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	267.36	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.907%
Water Content	Karl Fischer	0.34%
Residual Solvents	NMR	Not detected in NMR
Assay		99.6%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Aug 25, 2025

Date: Aug 25, 2025

Date: Aug 25, 2025



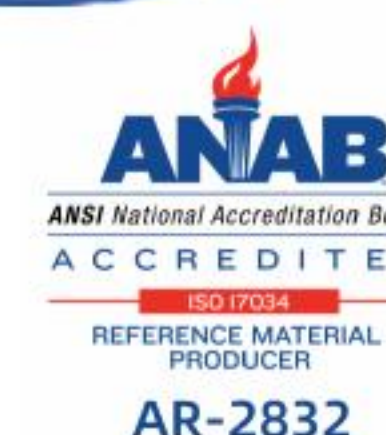
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 5



Official WeChat