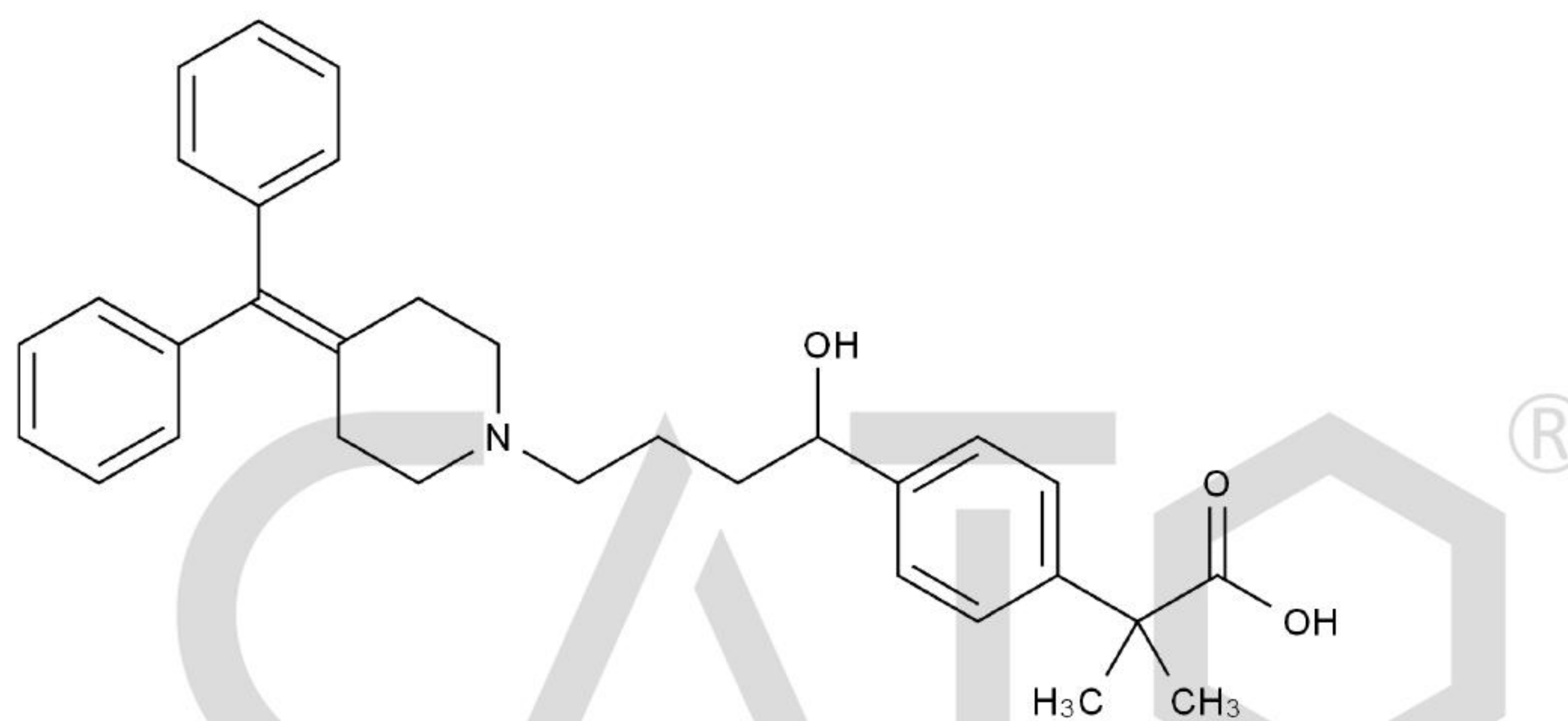


Certificate of Analysis

Reference Material & Standard

Product Name:	Fexofenadine EP Impurity G	Catalogue Number:	C4X-17947
Synonyms:	N/A	Lot Number:	0113-RG-0159
CAS Number:	1187954-57-9	Expiry Date:	Jan 15, 2028
Molecular Formula:	C ₃₂ H ₃₇ NO ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	483.64		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.084%
Residue on Ignition	TGA	0.0069%
Loss On Drying	TGA	2.2602%
Assay		96.8%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jan 16, 2025

Date: Jan 16, 2025

Date: Jan 16, 2025

