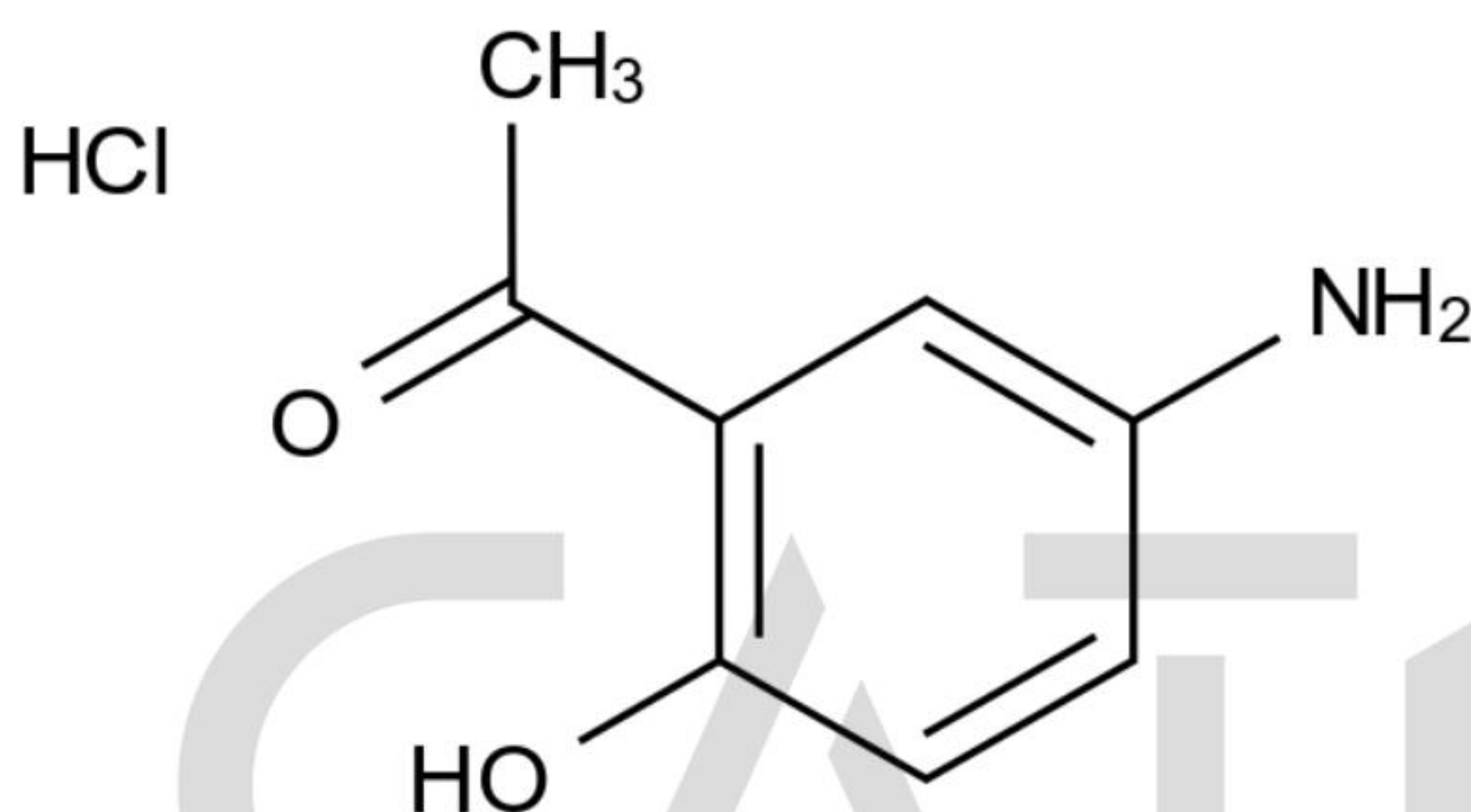


Certificate of Analysis

Reference Material & Standard

Product Name:	Celiprolol impurity 8	Catalogue Number:	C4X-24548
Synonyms:	3-Acetyl-4-hydroxyaniline Hydrochloride	Lot Number:	0304-RF-0035
CAS Number:	57471-32-6	Expiry Date:	Mar 14, 2025
Molecular Formula:	C ₈ H ₉ NO ₂ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	151.16 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Beige Solid
Identification	HRMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.95%
Water Content	Karl Fischer	8.36%
Residual Solvents	NMR	Not detected in NMR
Assay		91.6%

Comment:

The calculation of the 100% 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:

Hinlam

Aproved by General Manager:

David

Date: Mar 06, 2024

Date: Mar 06, 2024

Date: Mar 06, 2024

