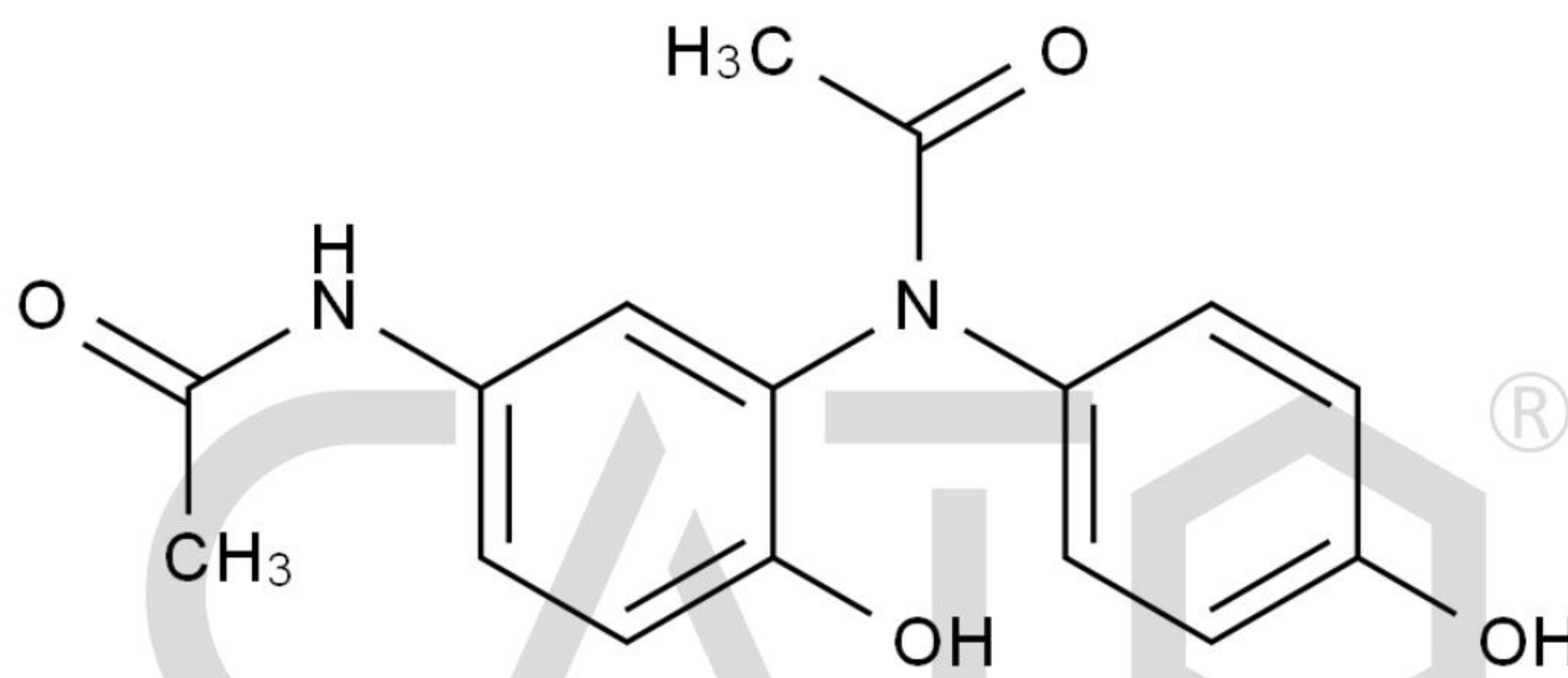


Certificate of Analysis

Reference Material & Standard

Product Name:	Acetaminophen Impurity 19	Catalogue Number:	C4X-121119
Synonyms:	N/A	Lot Number:	0515-RE-0135
CAS Number:	98966-17-7	Expiry Date:	Feb 07, 2026
Molecular Formula:	C ₁₆ H ₁₆ N ₂ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	300.31		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.3133%
Water Content	Karl Fischer	5.7%
Residual Solvents	NMR	0.1% isopropyl ether
Assay		93.6%

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

Aporoved by General Manager:

David

Date: Apr 30, 2024

Date: Apr 30, 2024

Date: Apr 30, 2024

