

Certificate of Analysis

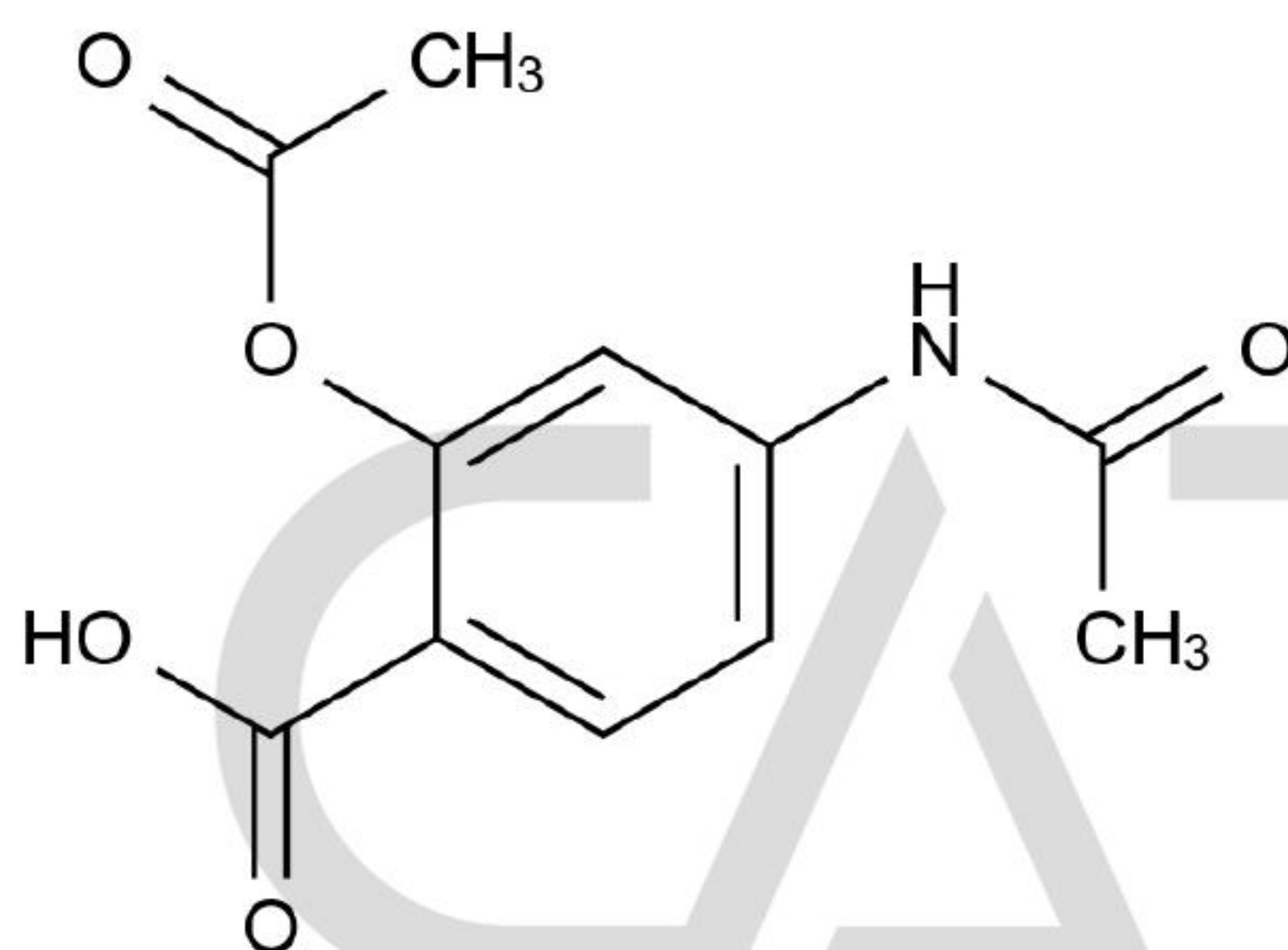
Reference Material & Standard

Product Name:	Acetaminophen Impurity 39	Catalogue Number:	C4X-121139
Synonyms:	N/A	Lot Number:	1208-RG-0102
CAS Number:	51-00-3	Expiry Date:	Jun 21, 2029
Molecular Formula:	C ₁₁ H ₁₁ NO ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	237.21	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.635%
Loss On Drying	TGA	0.4925%
Assay		99.1%

Comment:

The calculation of the mass balance 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:

Reviewed by:

Approved by General Manager:

Date: Dec 10, 2025

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