

Certificate of Analysis

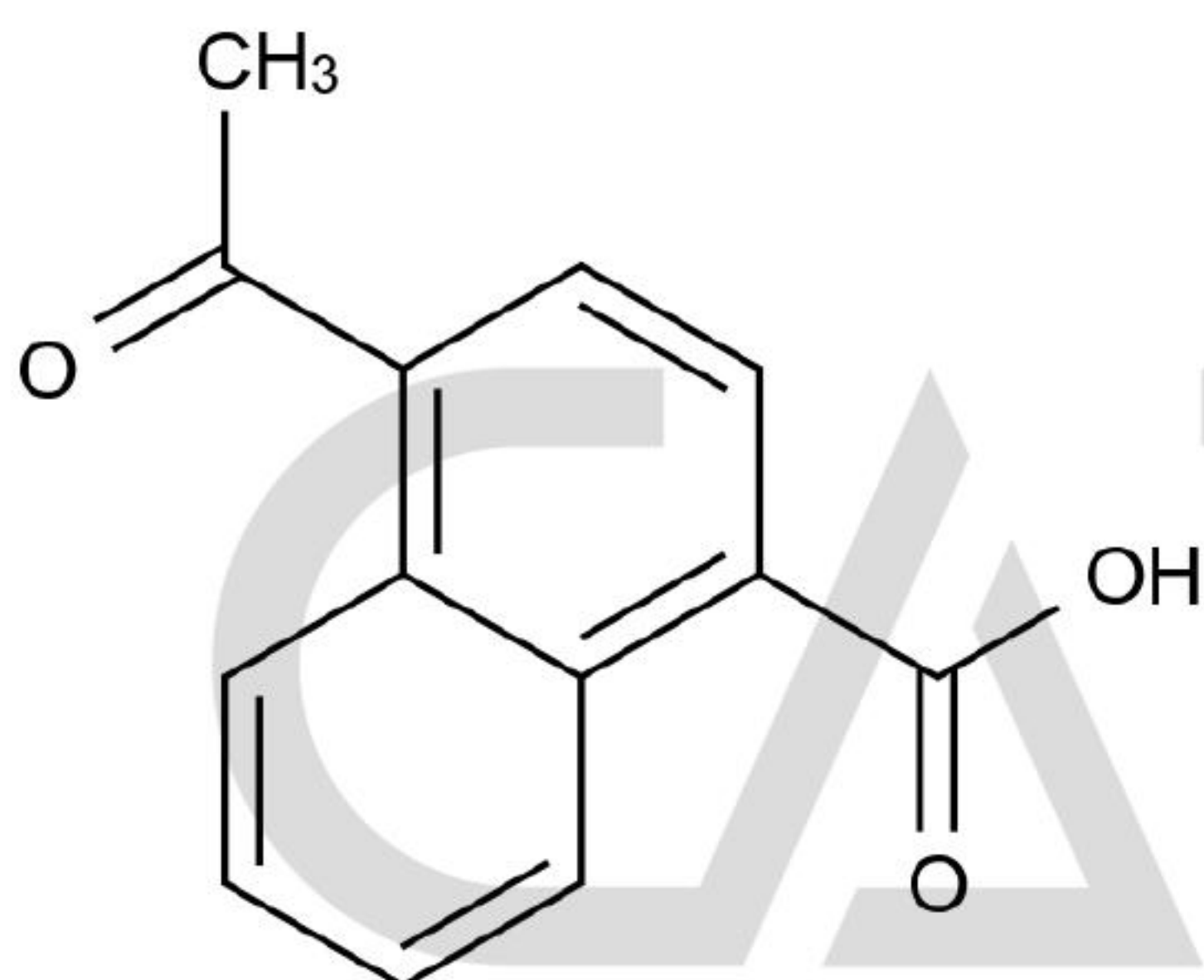
Reference Material & Standard

Product Name:	4-Acetyl-1-naphthoic acid	Catalogue Number:	C1214904
Synonyms:	N/A	Lot Number:	0410-RH-0079
CAS Number:	131986-05-5	Expiry Date:	Apr 13, 2030
Molecular Formula:	C ₁₃ H ₁₀ O ₃	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	214.22	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.954%
Water Content	Karl Fischer	0.5910%
Assay		98.4%

Comment:

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

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

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 14, 2026

Date: Apr 15, 2026

Date: Apr 15, 2026



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>

