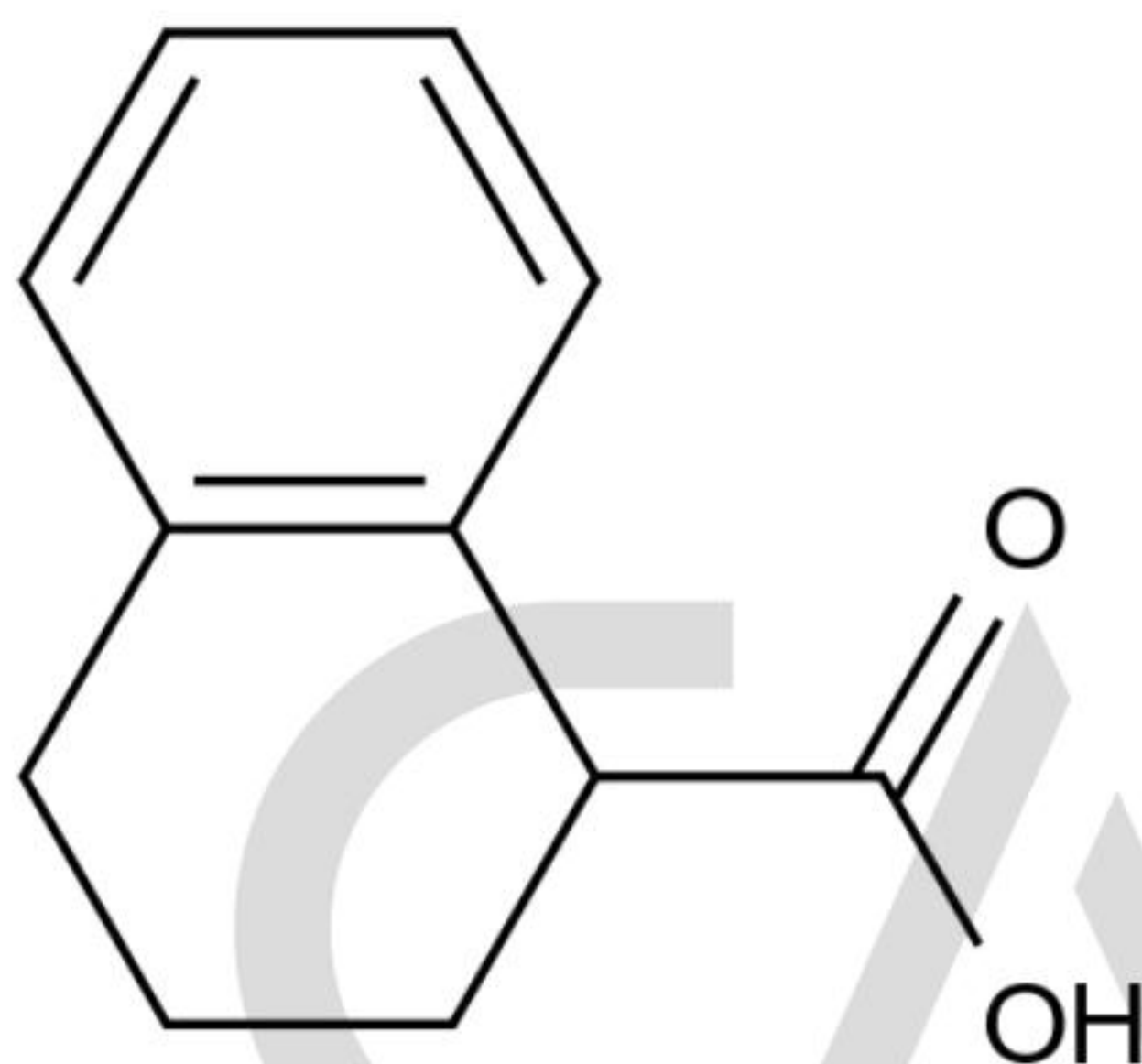


Certificate of Analysis

Reference Material & Standard

Product Name:	1,2,3,4-Tetrahydro-1-naphthoic Acid	Catalogue Number:	C1441747
Synonyms:	N/A	Lot Number:	0213-RG-0055
CAS Number:	1914-65-4	Expiry Date:	Jun 04, 2028
Molecular Formula:	C ₁₁ H ₁₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	176.21	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.443%
Water Content	Karl Fischer	0.3471%
Assay		99.1%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity HPLC (\%)} / 100\%$

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: Jun 05, 2025

Date: Jun 05, 2025

Date: Jun 05, 2025

