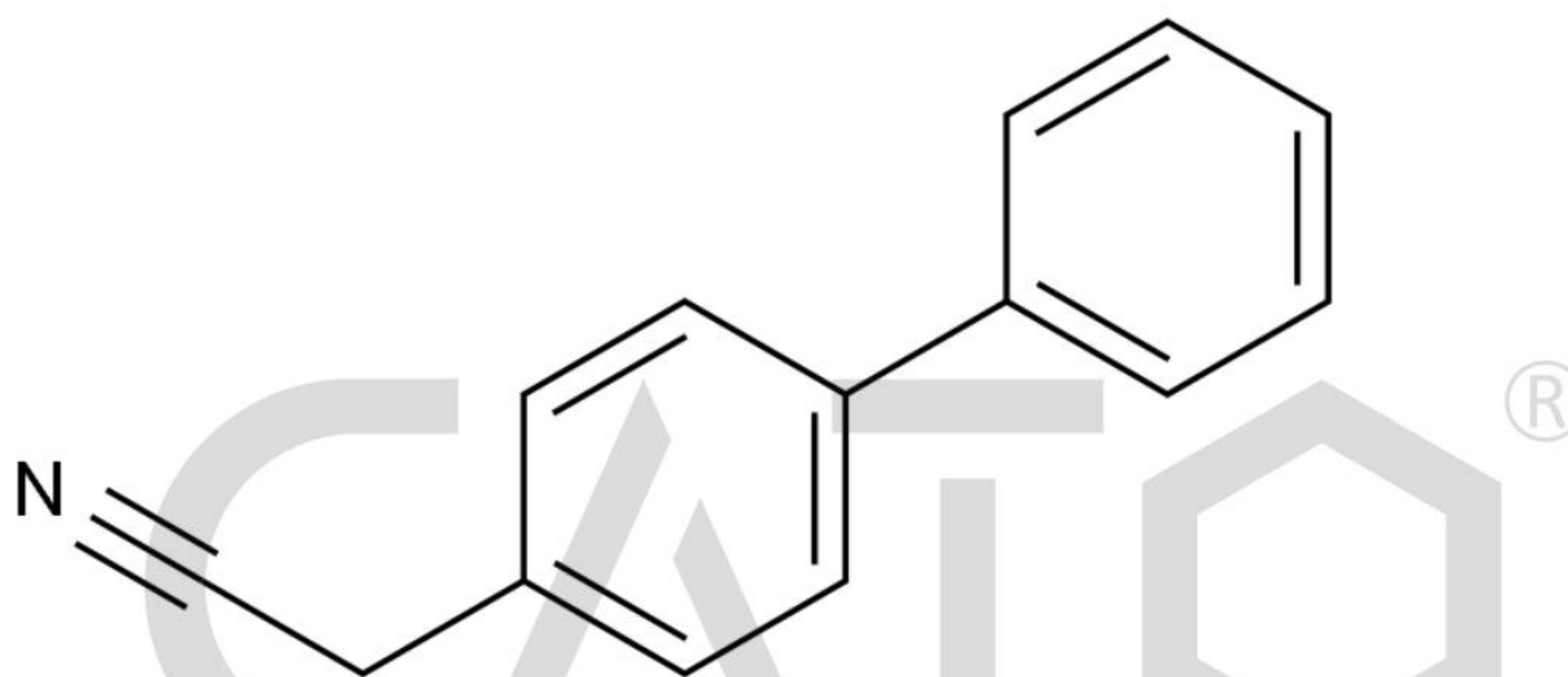


Certificate of Analysis

Reference Material & Standard

Product Name:	2-([1,1'-biphenyl]-4-yl)acetonitrile	Catalogue Number:	C3D-5139
Synonyms:	N/A	Lot Number:	0717-RG-0088
CAS Number:	31603-77-7	Expiry Date:	Jul 21, 2029
Molecular Formula:	C14H11N	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	193.24	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Pink Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.793%
Loss On Drying	TGA	0.1227%
Assay		96.7%

Comment:

The calculation of the 100% 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 22, 2025

Date: Jul 22, 2025

Date: Jul 22, 2025

