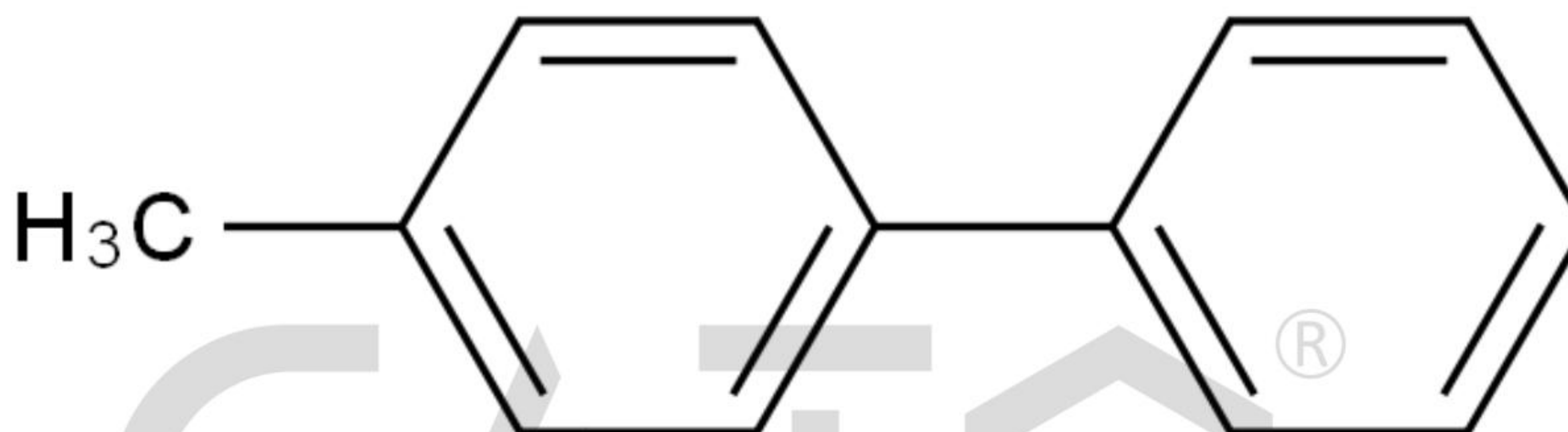


Certificate of Analysis

Reference Material & Standard

Product Name:	4-Methylbiphenyl	Catalogue Number:	CCHM701796
Synonyms:	N/A	Lot Number:	0620-RG-0024
CAS Number:	644-08-6	Expiry Date:	Jun 19, 2029
Molecular Formula:	C ₁₃ H ₁₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	168.23		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.0%
Assay	qNMR	99.2%
Uncertainty		±0.2%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Jun 20, 2025

Date: Jun 20, 2025

Date: Jun 20, 2025

