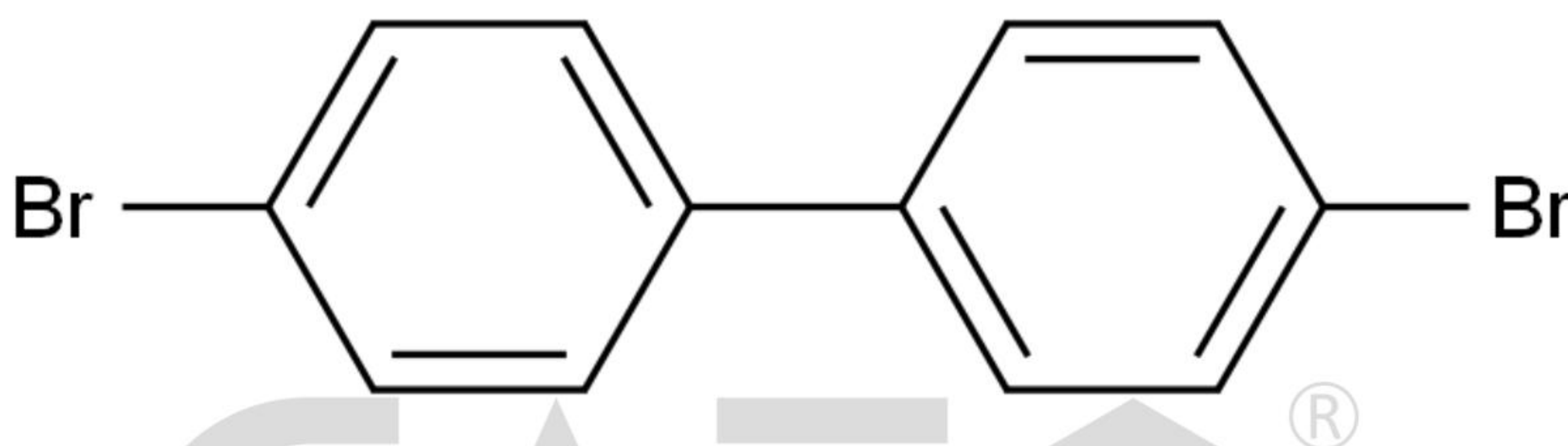


Certificate of Analysis

Reference Material

Product Name:	4,4'-Dibromobiphenyl	Catalogue Number:	CWLT600230
Chemical Name:	N/A	Lot Number:	1119-RA-0001
CAS Number:	92-86-4	Expiry Date:	Aug 18, 2028
Molecular Formula:	C ₁₂ H ₈ Br ₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	312.00		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Crystalline Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.000%
Loss On Drying	TGA	0.0185%
Assay		100.0%
Uncertainty		±2.0%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity GC (%) / 100%

Loss On Drying is considered as absolute effect, GC purity is considered as relative effect.

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:

Delia

Reviewed by:

Xenia

Aproved by General manager:

David

Date: Aug 19, 2022

Date: Aug 22, 2022

Date: Aug 22, 2022

