

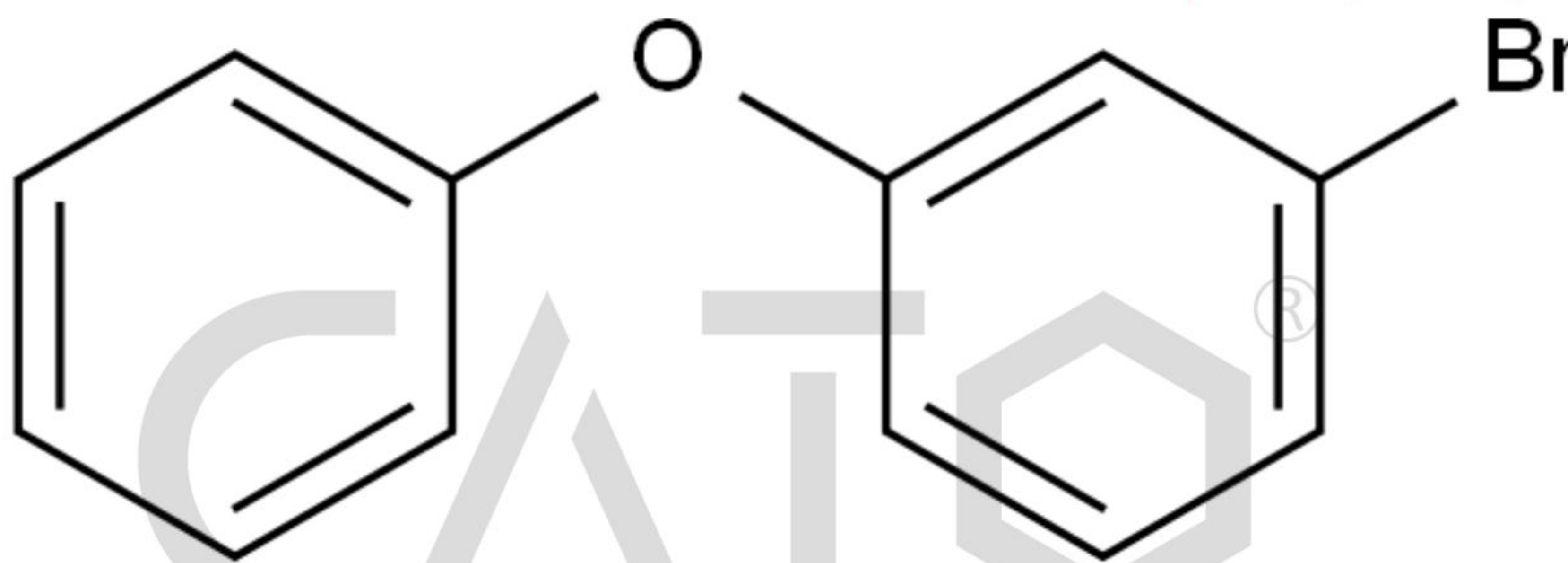
Certificate of Analysis

Reference Material & Standard

Product Name:	1-Bromo-3-Phenoxybenzene	Catalogue Number:	CWLT600699
Synonyms:	N/A	Lot Number:	0529-RG-0012
CAS Number:	6876-00-2	Expiry Date:	May 27, 2029
Molecular Formula:	C ₁₂ H ₉ BrO	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	249.10	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	98.948%
Loss On Drying	TGA	3.6298%
Assay		95.4%
Uncertainty		±0.5%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity GC (\%)} / 100\%$

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:

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Reviewed by:

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Approved by General Manager:

David

Date: May 28, 2025

Date: May 29, 2025

Date: May 29, 2025

