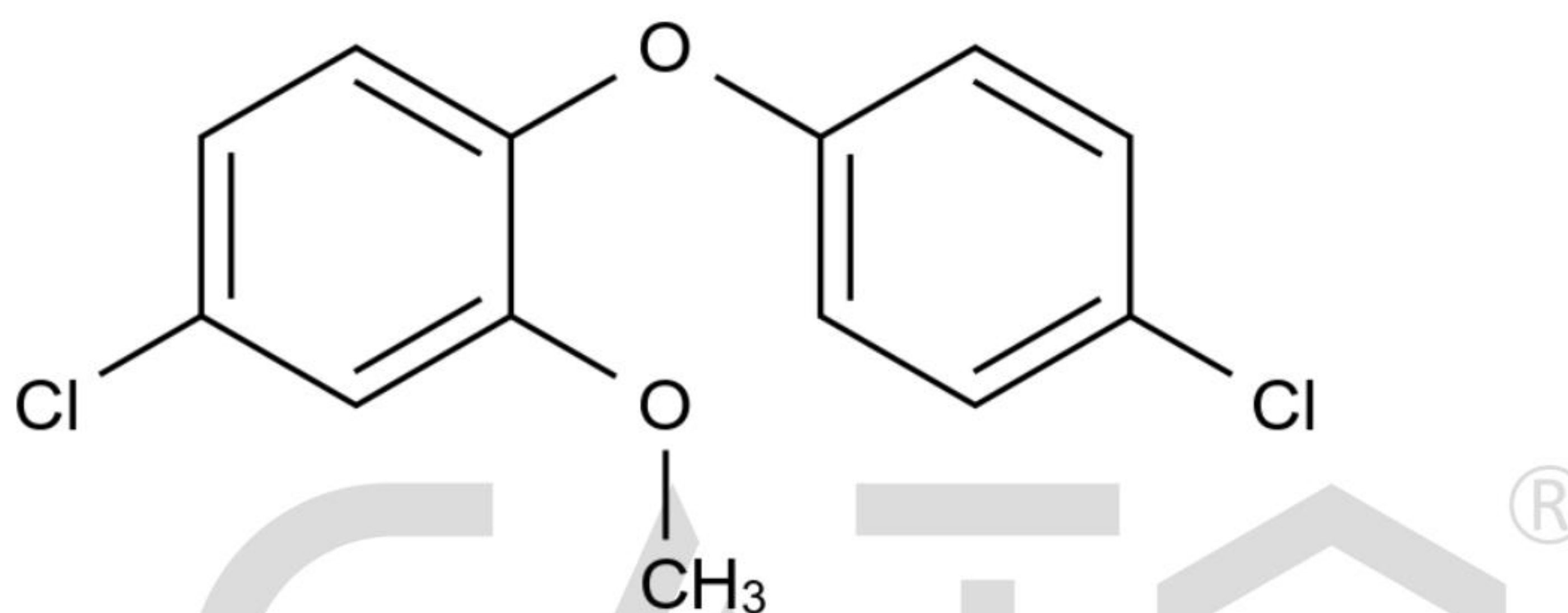


Certificate of Analysis

Reference Material

Product Name:	4-chloro-1-(4-chlorophenoxy)-2-methoxybenzene	Catalogue Number:	CCHM705300
Chemical Name:	N/A	Lot Number:	1018-RD-0003
CAS Number:	4640-07-7	Expiry Date:	Oct 19, 2026
Molecular Formula:	C ₁₃ H ₁₀ Cl ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	269.12		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.8%
Assay	qNMR	97.1%
Uncertainty		±2.0%

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:

Xenia

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Oct 20, 2022

Date: Oct 21, 2022

Date: Oct 21, 2022

