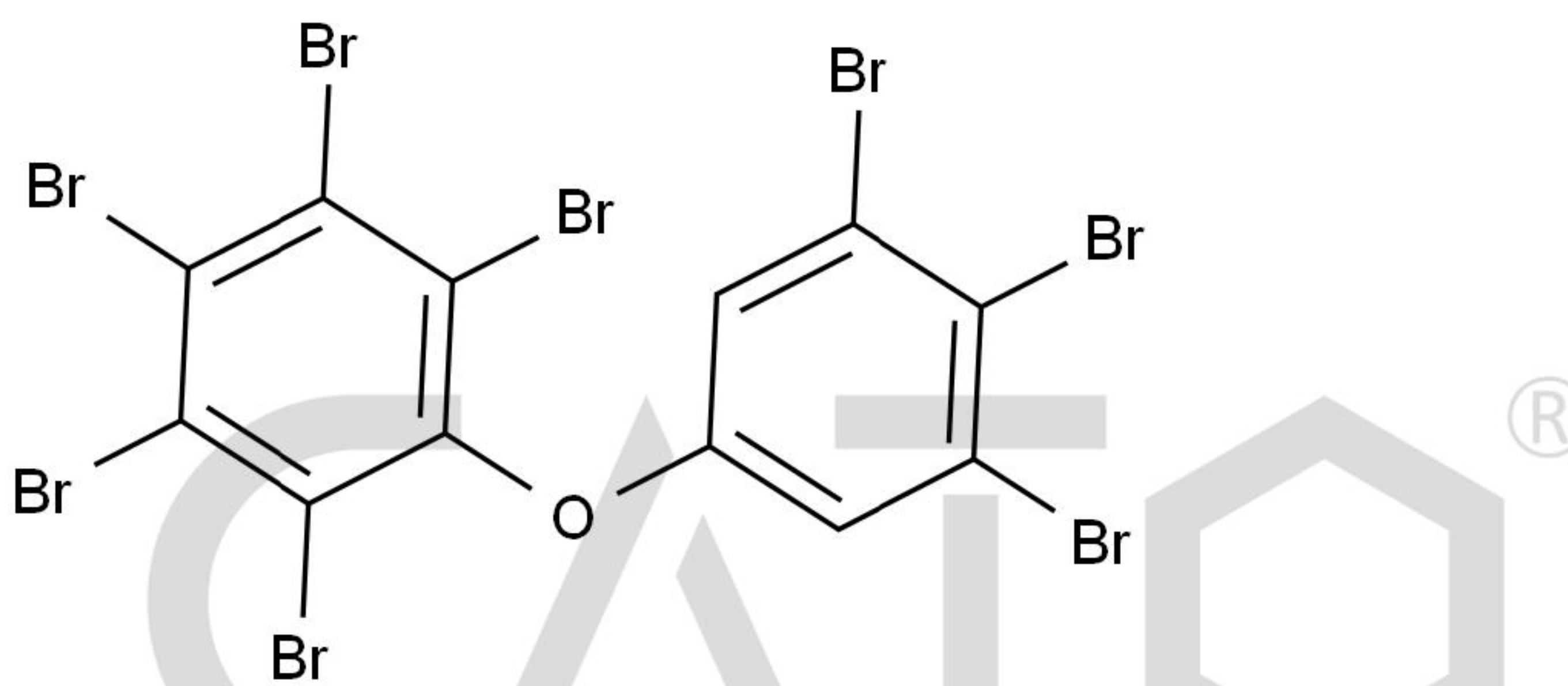


Certificate of Analysis

Reference Material & Standard

Product Name:	2,3,3',4,4',5,5',6-Octabromodiphenyl Ether	Catalogue Number:	CCEM501861
Synonyms:	N/A	Lot Number:	0530-RF-0002
CAS Number:	446255-56-7	Expiry Date:	Jul 17, 2026
Molecular Formula:	C12H2Br8O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	801.38		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Brown Solid
Identification	HRMS&IR&HNMR	Confirmed
Purity	HPLC	97.2981%
Water Content	Karl Fischer	0.10%
Residual Solvents	NMR	0.1% acetonitrile and 0.4% tetrahydrofuran
Assay		96.7%
Uncertainty		±2.0%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC 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:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jun 03, 2024

Date: Jun 04, 2024

Date: Jun 04, 2024

