Certificate of Analysis

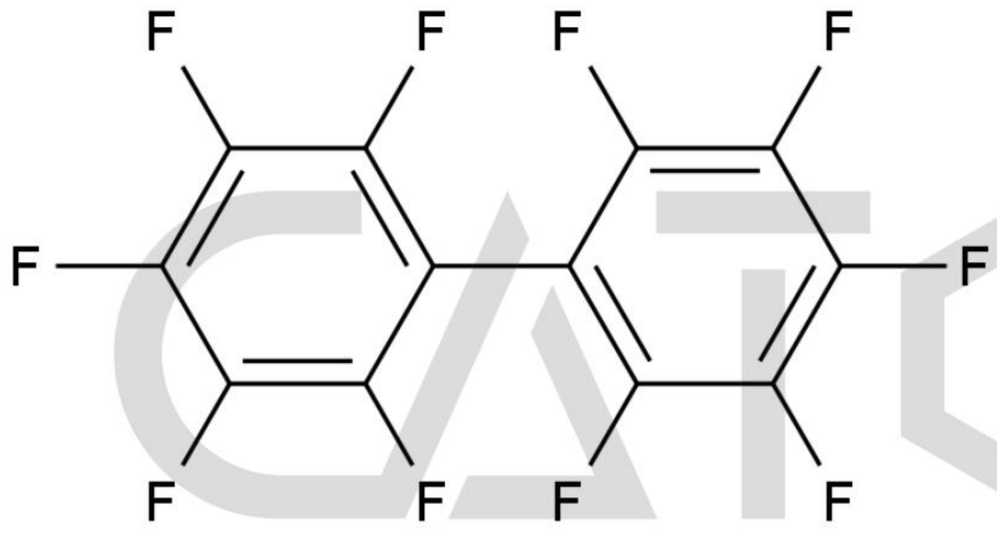
Reference Material & Standard

Product Name:	Decafluorobiphenyl	**Catalogue Number:**	CCEM500499
Synonyms:	N/A	**Lot Number:**	0428-RE-0058
CAS Number:	434-90-2	**Expiry Date:**	Oct 14, 2030
Molecular Formula:	$C_{12}F_{10}$	**Storage:**	Room Temp Protected from light and Sealed
Molecular Weight:	334.11	**Shipping Condition:**	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Crystalline Solid
Identification	GCMS&CNMR&FNMR	Confirmed
Purity	GC	100.000%
Water Content	Karl Fischer	0.2871%
Assay	Mass Balance	99.7%
Uncertainty		±0.2%

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Comment:

1. The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Water Content) * Purity GC (%) /100%*
Water Content 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: Lisa Date: Oct 16, 2026

Reviewed by: Hinlam Date: Oct 16, 2026

Approved by General Manager: David Date: Oct 16, 2026

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