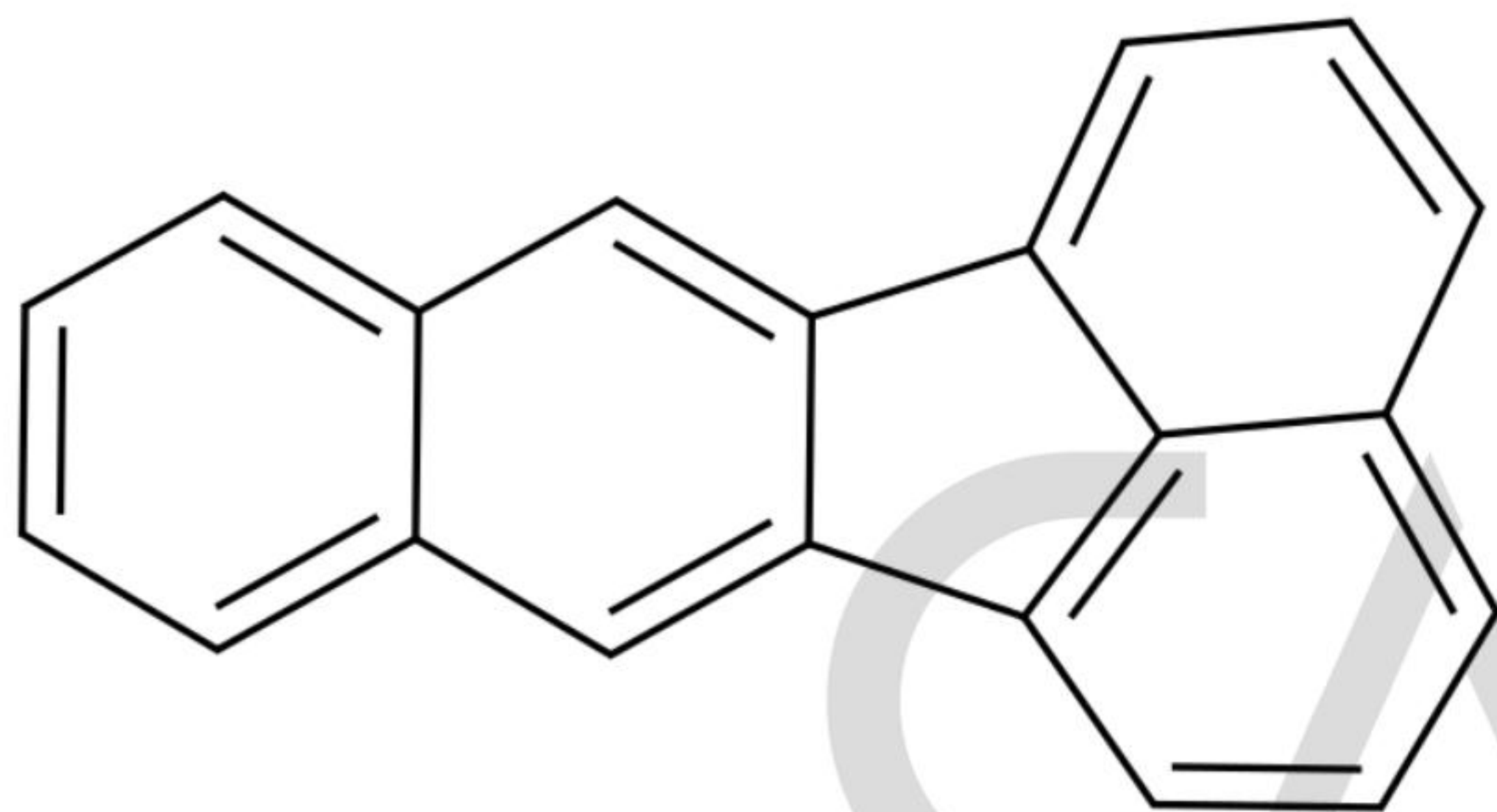


Certificate of Analysis

Reference Material & Standard

Product Name:	Benzo[k]fluoranthene	Catalogue Number:	CPAH111507
Synonyms:	N/A	Lot Number:	0725-RE-0014
CAS Number:	207-08-9	Expiry Date:	Jul 27, 2027
Molecular Formula:	C ₂₀ H ₁₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	252.31	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.4%
Assay	qNMR	99.1%
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:

Nice

Reviewed by:

Lisa

Aporoved by General Manager:

David

Date: Jul 28, 2023

Date: Jul 28, 2023

Date: Jul 28, 2023

