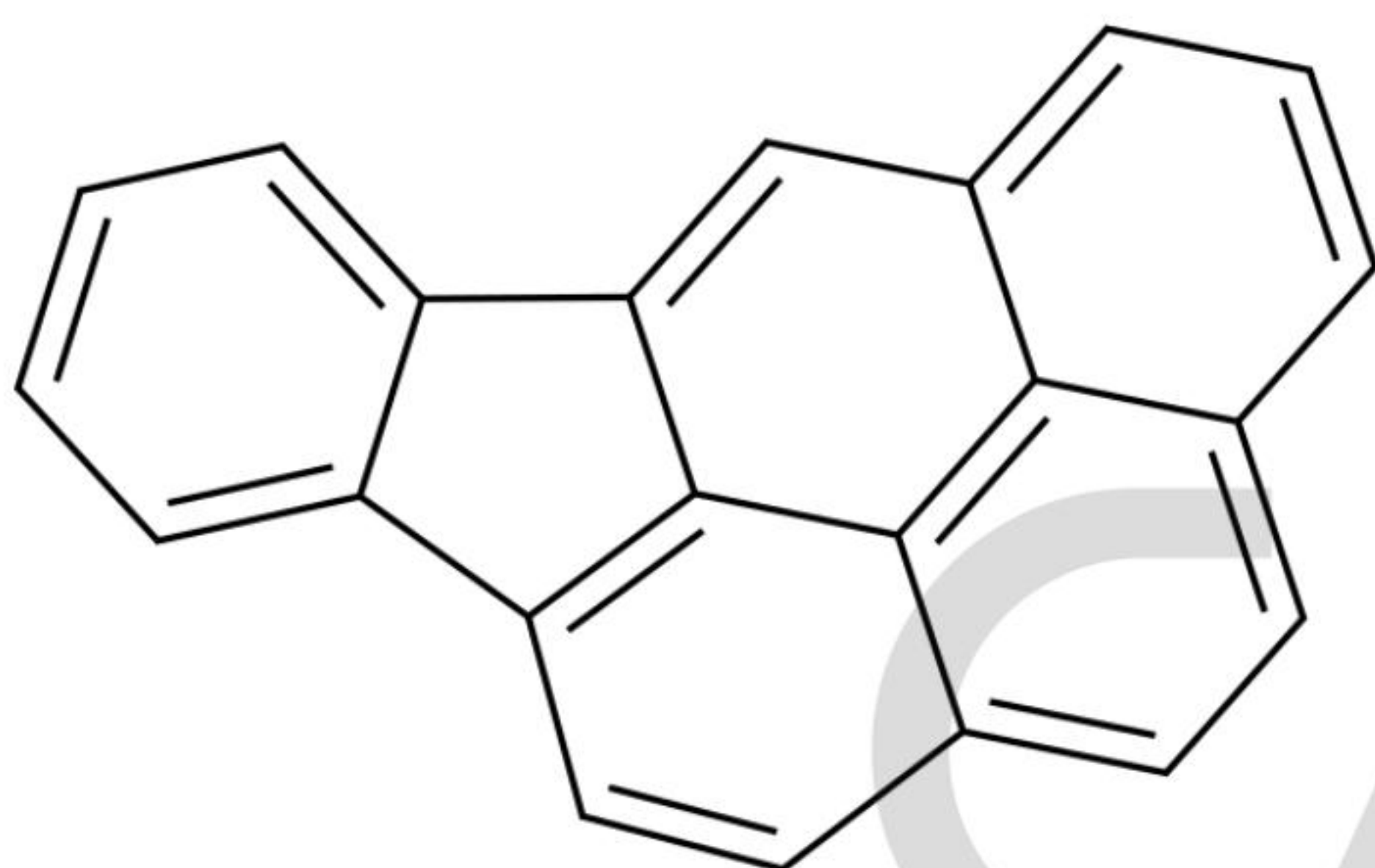


Certificate of Analysis

Reference Material & Standard

Product Name:	Indeno(1,2,3-C,D)Pyrene	Catalogue Number:	CPAH111515
Synonyms:	N/A	Lot Number:	0927-RE-0058
CAS Number:	193-39-5	Expiry Date:	Sep 26, 2029
Molecular Formula:	C22H12	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	276.33	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.112%
Residue on Ignition	TGA	0.4230%
Loss On Drying	TGA	0.0266%
Assay		98.7%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lisa

Reviewed by:

Hinlam

Aporoved by General Manager:

David

Date: Oct 08, 2023

Date: Oct 09, 2023

Date: Oct 09, 2023

