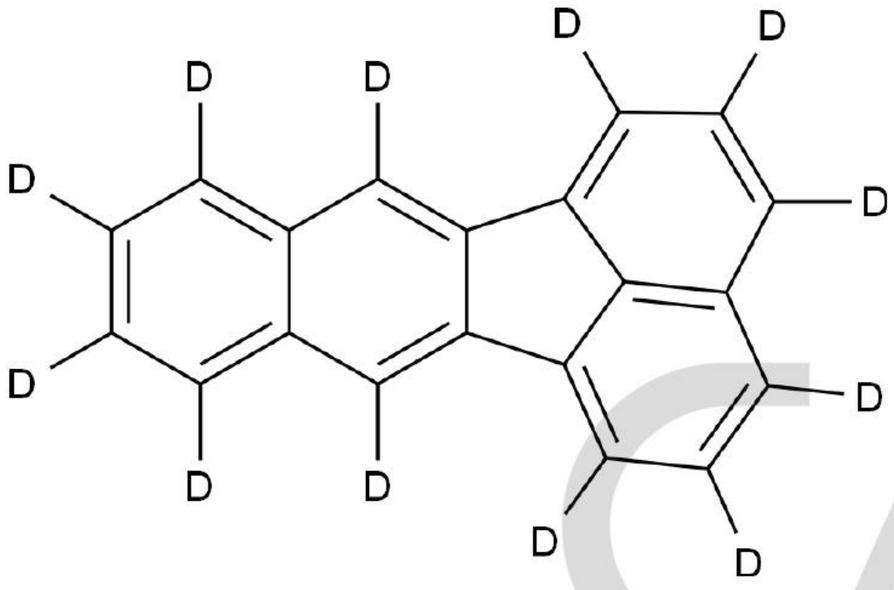
Certificate of Analysis

Reference Material & Standard

Product Name:	Benzo[k]fluoranthene D12	**Catalogue Number:**	CCHM702288
Synonyms:	N/A	**Lot Number:**	0419-RC-0022
CAS Number:	93952-01-3	**Expiry Date:**	Aug 15, 2027
Molecular Formula:	C20D12	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	264.38		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Powder
Identification	HNMR	Confirmed
Chemical Purity	HPLC	99.9%
Isotopic Purity		98.5%
Uncertainty		±2.0%

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Comment:

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: Hinlam Date: Aug 16, 2018

Reviewed by: Debbie Date: Apr 27, 2021

Aporoved by General Manager: David Date: Apr 27, 2021

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