

PRODUCT INFORMATION SHEET

REFERENCE MATERIAL

Certificate no.: 1315.13-2591-1

1. Description of the reference material (RM)

1.1. General product data

Compound: **2-Fluorofluorene**

Expiry date: 11/2028

Storage: -20 °C; Protected from air and light.
Before opening, allow the standard to reach room temperature.
Ultra-sonicate for 5 minutes at RT before first use.

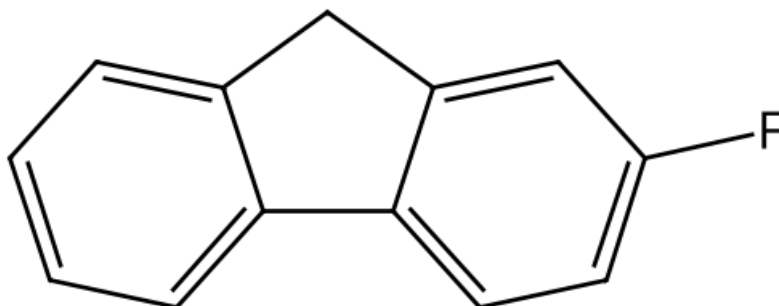
Catalogue #: **1315.13-100-T**

CAS #: [343-43-1]

Molecular formula: C₁₃H₉F

Molecular weight (g/mol): 184.22

Structure:



1.2. Batch specific data

Batch #: **2591**

Concentration (grav.)*: **0.1 mg/mL, not adjusted for net purity**

Solvent: Toluene

Volume: Delivered in 1 mL

Appearance: Clear colourless solution

**Concentration is calculated by gravimetric measurements of both compound and solvent. Solvent density is taken into account.*

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1.3. Chemical analysis of neat material

	Method	Results
Chromatographic purity by GC:	Internal	99.9 %
Net purity ¹ :	N/A	99.9 %

¹(100 – wt% residual solvent – wt% water content – wt% residual inorganic) x Chromatographic purity / 100.

Stability test: No

1.4. Homogeneity assessment

Homogeneity has not been assessed for this product.

2. General information

2.1. Intended use of the RM

This reference material is intended for laboratory use only. It may be used for identification, quality control, calibration or assigning values. A reference material should only be used for a single purpose in a given measurement. It is not suitable for human or animal consumption.

2.2. Correct use of the RM

Allow the RM to reach room temperature before use. This product is supplied with an overfill to assist recovery of the specified volume. Users should transfer a measured volume before diluting to the desired concentration.

2.3. Manufacturing

All weights, volumes and temperatures are controlled daily using in-house procedures that are calibrated against traceable masters according to requirements in ISO/IEC 17025.

2.4. Retest/expiry information

The expiry date is based on current knowledge and on the unopened container being stored according to the recommended storage conditions stated in this document. Warranty can only be guaranteed when following these storage recommendations.

2.5. Safety

All reference materials should be considered potentially hazardous and should only be used by qualified laboratory personnel. Users should minimize their exposure and use appropriate personal protective equipment when handling. Please consult the Safety Data Sheet (SDS) for detailed information. They are available online at www.chiron.no.



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Chiron AS

The purchaser must determine the suitability of this product for its particular use. Chiron AS makes no warranty of any kind, express or implied, other than its products meet all quality control standards set by Chiron AS. We do not guarantee that the product can be used for a special application.

Document history

Version No.	Date	Description of change
0	N/A	Initial release
1	02.08.2022	Name changed into Product Information Sheet Updated document to new template Unique certificate number added New storage conditions and product handling Expiry date added Document history section added