

Gravimetric Certificate

**EHRENSTORFER™**

Product Identification

20800000 Fluorene
Formula C₁₃H₁₀
Mol.Weight 166.22
CAS No. 86-73-7

Expiry Date 26.07.2021

Lot Number 752293AL

Store at 20°C in the dark

Please note: The expiry date is valid under recommended storage conditions only.

Gravimetric Data				
Product Name		Conc. (mg/l)	Purity %	Weight (mg)
Fluorene		10.000	99.0	3.234
Solvent Information				
Solvent	Lot No.	Exact Quantity (ml)		
Acetonitrile	170570452	320.00		
Traceability Data				
20800000 129961	neat product			
20800000 752293AL	10.000 mg/l			
Analytical Data				
Detection: HPLC/DAD	Method Details:			
Column: ReproSil 100 C18 5µ 250x3	Acetonitrile:H2O 9:1			
Inj.-Vol.: 10.00 µl				
Flow: 1.0 ml/min				
Ret.-Time: 2.44 min.				
Identity check RT, UV				
Comment	Property value was determined by gravimetric measurements and confirmed by peak area comparison.			
The uncertainty/tolerance of this standard is +/- 2.0 %, calculated in accordance with the EURACHEM/CITAC Guide - Quantifying Uncertainty in Analytical Measurement - Second Edition. The uncertainty given is the expanded combined uncertainty and represents an estimated standard deviation equal to the positive square root of the total variance of the uncertainty of components. The expanded uncertainty is U w hich is Uc(y)*K, w here K is the coverage factor at the 95% confidence level (K=2). The expanded uncertainty is based on the combination of uncertainties associated with each individual operation involved in the preparation of this product.				

Certified on 26.07.2018

by D. Schmid

The Laboratory LGC Labor GmbH is accredited by DAkkS as indicated by the Accreditation Number D-RM-19883-01 & D-PL-19883-01 has shown competence based on ISO Guide 34:2009 with relevant parts of DIN EN ISO/IEC 17025:2005 for production of certified reference materials in form of organic pure substances and in form of single and multi-component solutions organic pure substances.

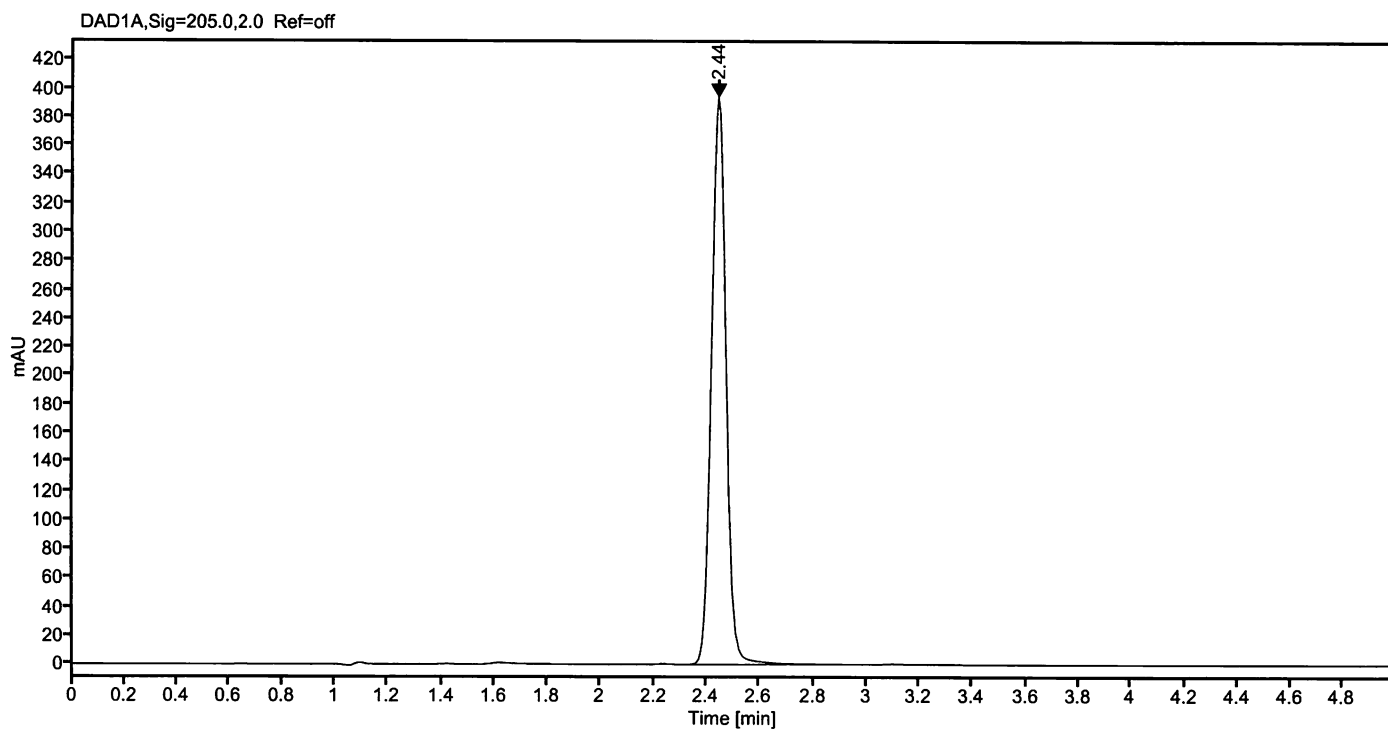
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The warranty for this product is limited to the purchasing price of this product.

2657M

Data file: 20800000-22-r002.dx
Sample name: 752293AL
Inj. volume [µl]: 10.0
Acq. method: 91K.amx

Instrument: DAD4
Sequence Name: 16072018-K
Injection date: 7/16/2018 6:03:01 PM
Location: 36

Sample Description Fluorene



Signal: DAD1A, Sig=205.0, 2.0 Ref=off

Nr.	RT [min]	Area	Height	Area%
1	2.44	1504.21722	394.39	100.00
Sum		1504.22		

Schmid D.