

Gravimetric Certificate



Product Identification

13730500 Fluometuron-desmethyl
Formula C₉H₉F₃N₂O
Mol.Weight 218,18
CAS No. 3032-40-4

Expiry Date 11.01.2023
Lot Number 159194ME
Store at 20°C in the dark

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

Gravimetric Data		Conc. (mg/l)	Purity %	Weight (mg)
Product Name Fluometuron-desmethyl		10.000	99.5	3.217
Solvent Information		Exact Quantity (ml)		
Solvent Methanol	Lot No. 170645113	320.00		
Traceability Data				
13730500 159192	neat product			
13730500 159194ME	10.000 mg/l			
Analytical Data				
Detection: UHPLC/DAD	Method Details:			
Column: LUNA Omega C18 1.6 µm 100 x 2.1 mm	Eluent A: WA + 0.5% H ₃ PO ₄			
Inj.-Vol.: 2.00 µl	Eluent B: Acetonitrile			
Flow: 0.5 ml/min				
Ret.-Time: 4.73 min.				
	Time/min	A	B	
	0	90%	10%	
	0.3	90%	10%	
	8	0%	100%	
	9.5	0%	100%	
	10	90%	10%	
Identity check RT, UV				
Comment				
The uncertainty/tolerance of this standard is +/- 3.0 %, 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 which is U _c (y)*K, where 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 11.01.2018
by D. Schmid

Schmid D

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.

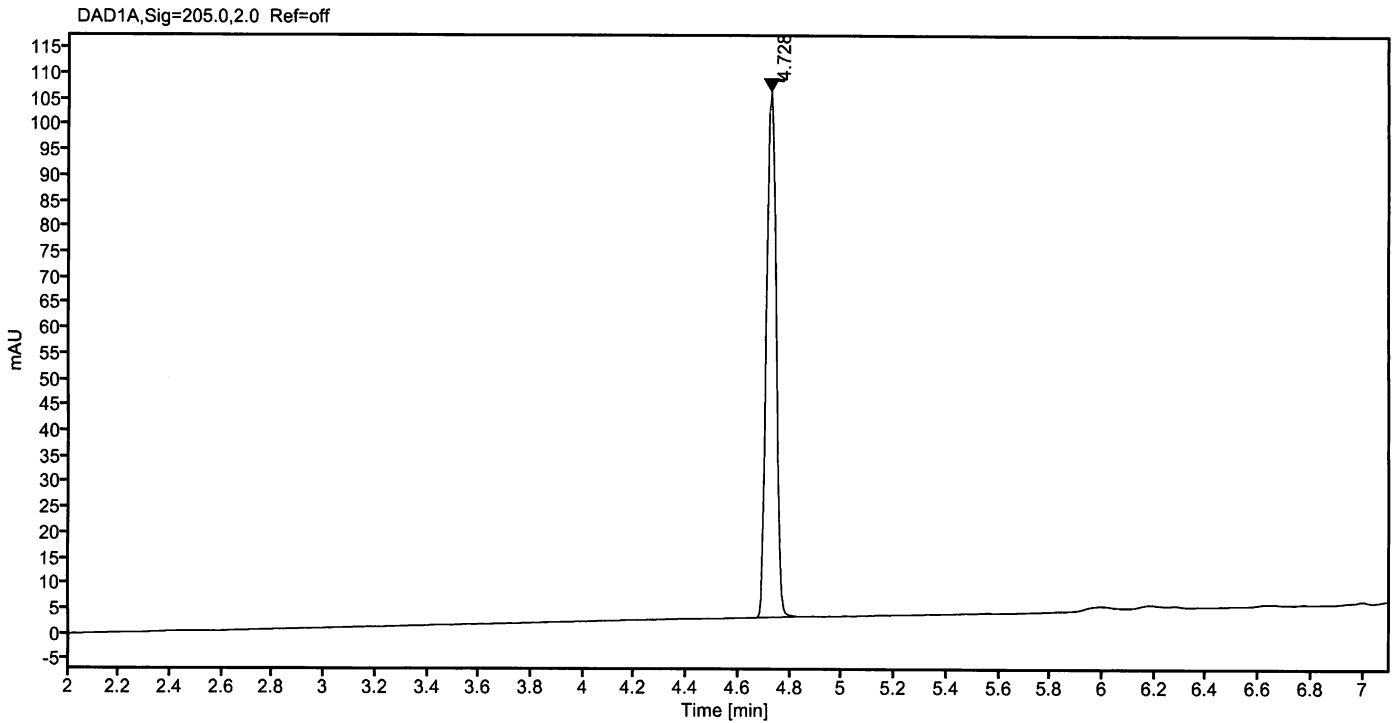
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The warranty for this product is limited to the purchasing price of this product.

3AM

Data file: 13730500-06-r001.dx
Sample name: 159194ME
Inj. volume [µl]: 2.0
Acq. method: Gradient_10-100_P.amx

Instrument: UHPLC 2
Sequence Name: 21122017-1
Injection date: 12/21/2017 3:47:45 PM
Location: P1-D3

Sample Description Fluometuron-desmethyl



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

Nr.	RT [min]	Area	Height	Area%
1	4.728	267.97468	103.11	100.00
	Sum	267.97		

Schmid D