

Gravimetric Certificate



Product Identification

13545000 (E)-Fenpyroximate
Formula C₂₄H₂₇N₃O₄
Mol.Weight 421.5
CAS No. 134098-61-6

Expiry Date 20.11.2023
Lot Number 991052CY
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	(E)-Fenpyroximate	100.000	98.4	5.084
Solvent Information		Lot No.	Exact Quantity (ml)	
Solvent	Cyclohexane	I093411744	50.00	
Traceability Data		neat product		
13545000 162727	100.000 mg/l			
13545000 991052CY				
Analytical Data		Method Details:		
Detection: HPLC/DAD	Acetonitrile:H ₂ O 9:1			
Column: ReproSil 100 C18 5µ 250x3				
Inj.-Vol.: 10.00 µl				
Flow: 1.0 ml/min				
Ret.-Time: 3.11 min.				
Identity check UV, RT	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 20.11.2018

by M. Beck

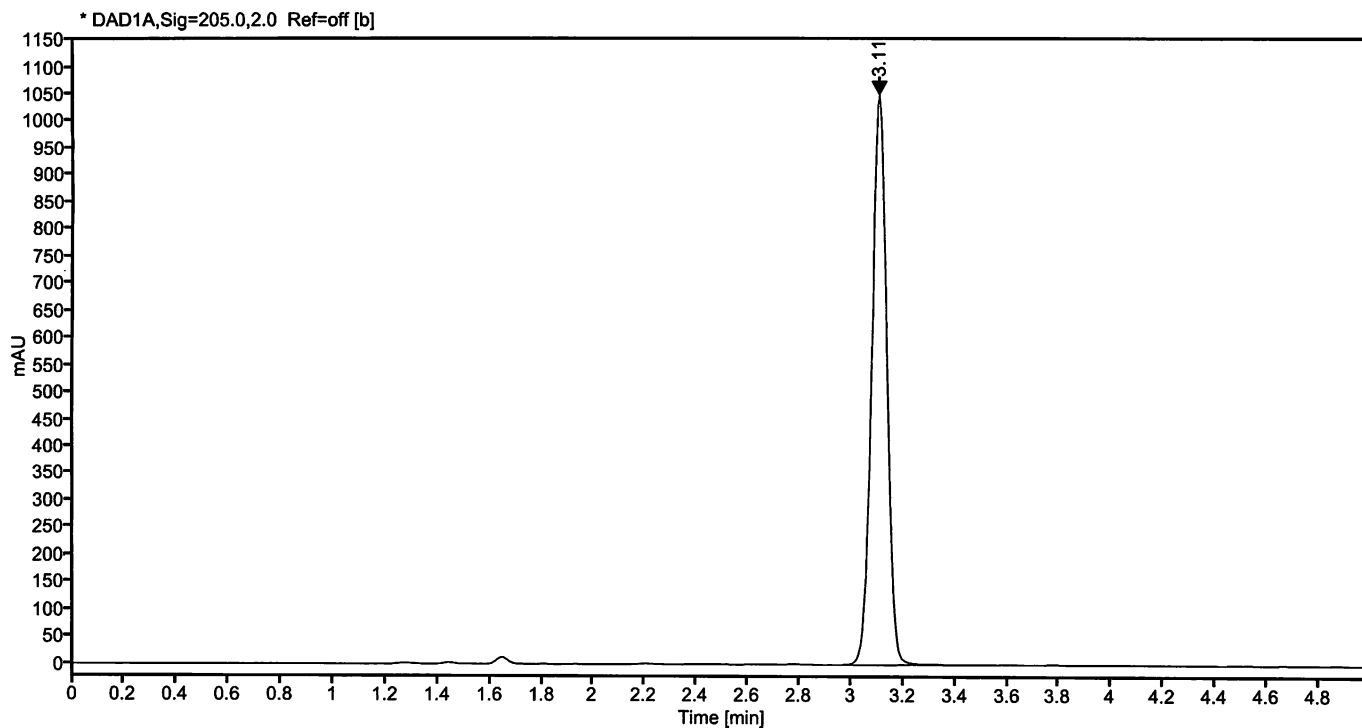
The Laboratory LGC Labor GmbH is accredited by DAkkS as indicated by the Accreditation Number D-RM-19883-01 & D-PL-19883-01 has shown competence based on ISO Guide 34:2009 with relevant parts of DIN EN ISO/IEC 17025:2005 for production of certified reference materials in form of organic pure substances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

11/16/2018

Data file: 13545000-34-r001.dx Instrument: DAD4
Sample name: 991052CY Sequence Name: 16112018-1
Inj. volume [µl]: 10.0 Injection date: 11/16/2018 8:52:01 PM
Acq. method: 91K.amx Location: 85

Sample Description (E)-Fenpyroximate



Signal: * DAD1A,Sig=205.0,2.0 Ref=off [b]

Nr.	RT [min]	Area	Height	Area%
1	3.11	4223.01005	1049.06	100.00
	Sum	4223.01		

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