

Gravimetric Certificate

**EHRENSTORFER™**

Product Identification

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

Expiry Date 06.12.2021
Lot Number 993283CY
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	10.000	98.9	3.236
Solvent Information		Exact Quantity (ml)		
Solvent	Lot No.	320.00		
Cyclohexane	I093411749			
Traceability Data				
13545000 162727	neat product			
13545000 993283CY	10.000 mg/l			
Analytical Data				
Detection: HPLC/DAD	Method Details:			
Column: ReproSil 100 C18 5µ 250x3	Acetonitrile:H ₂ O+0,5% H ₃ PO ₄ 9:1			
Inj.-Vol.: 10.00 µl				
Flow: 1.0 ml/min				
Ret.-Time: 3.04 min.				
Identity check UV, RT				
Comment	Property value was determined by gravimetric measurements and confirmed by peak area comparison.			
The uncertainty/tolerance of this standard is +/- 5.0 %, 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 06.12.2018

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.

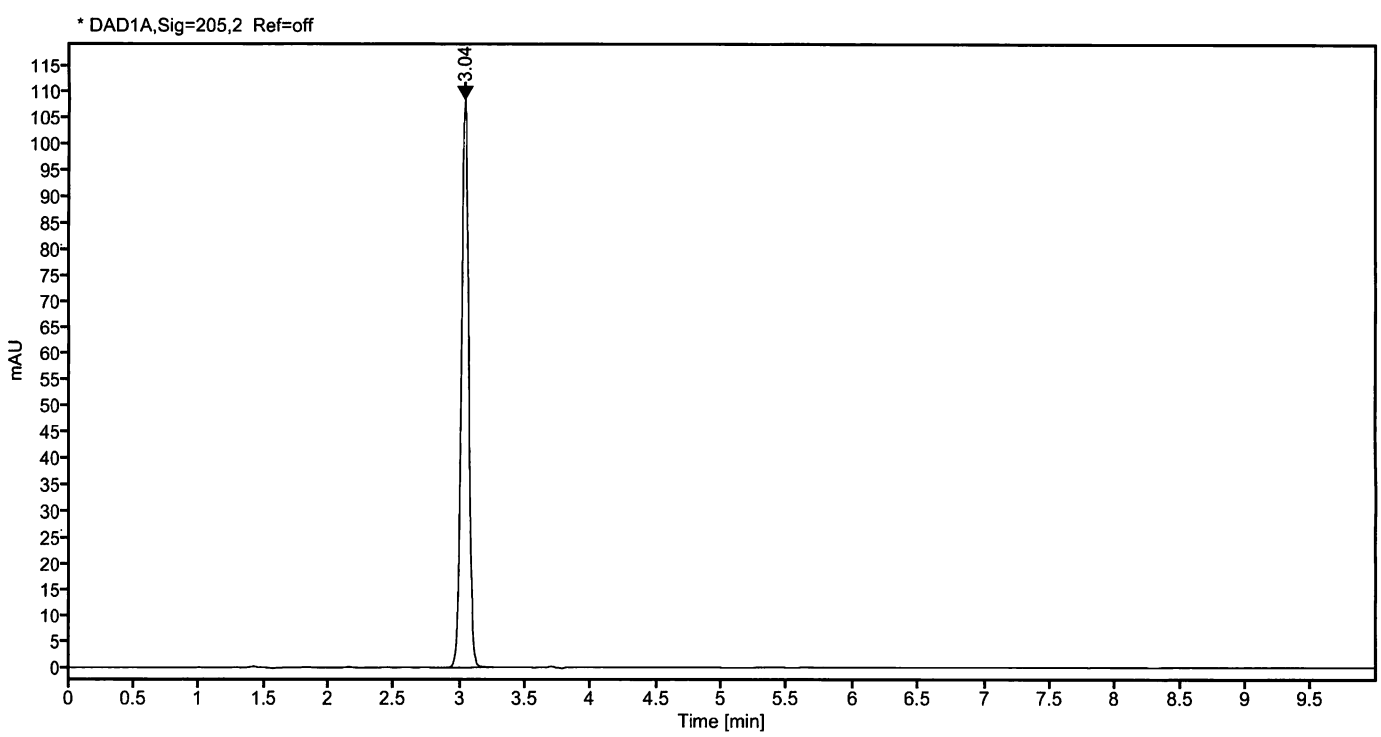
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The warranty for this product is limited to the purchasing price of this product.

4.12.18 *hm*

Data file: 13545000-03-r001.dx
Sample name: 993283CY
Inj. volume [µl]: 10.0
Acq. method: S1_91PK_10MIN.amx

Instrument: DAD5
Sequence Name: 28112018-1
Injection date: 11/28/2018 8:36:28 AM
Location: D1F-C8

Sample Description (E)-Fenpyroximate



Signal: *DAD1A,Sig=205,2 Ref=off

Nr.	RT [min]	Area	Height	Area%
1	3.04	421.45155	108.48	100.00
	Sum	421.45		

Schmid D.