

Gravimetric Certificate



EHRENSTORFER™

Product Identification

16655100 (E)-Pyrifenox
Formula C₁₄H₁₂Cl₂N₂O
Mol.Weight 295.2
CAS No. 83227-22-9

Expiry Date 19.10.2022
Lot Number 980963IO
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)-Pyrifenox	10.000	95.8	1.043
Solvent Information		Lot No.	Exact Quantity (ml)	
Solvent	Iso-Octane	H355M30	100.00	
Traceability Data		neat product		
16655100 157463	10.000 mg/l			
16655100 980963IO				
Analytical Data		Method Details:		
Detection: GC/FID	Injector: 280° C			
Column: DB-5, 30 m, ID 0.25 mm	Start Temperature: 60° C for 5 min			
Inj.-Vol.: 1.00 µl	End Temperature: 280° C for 1 min			
Flow: 1.0 ml/min	Gradient: 15° C/min			
Ret.-Time: 18.47 min.				
Identity check 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 $U_c(y) \cdot K$, 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.				

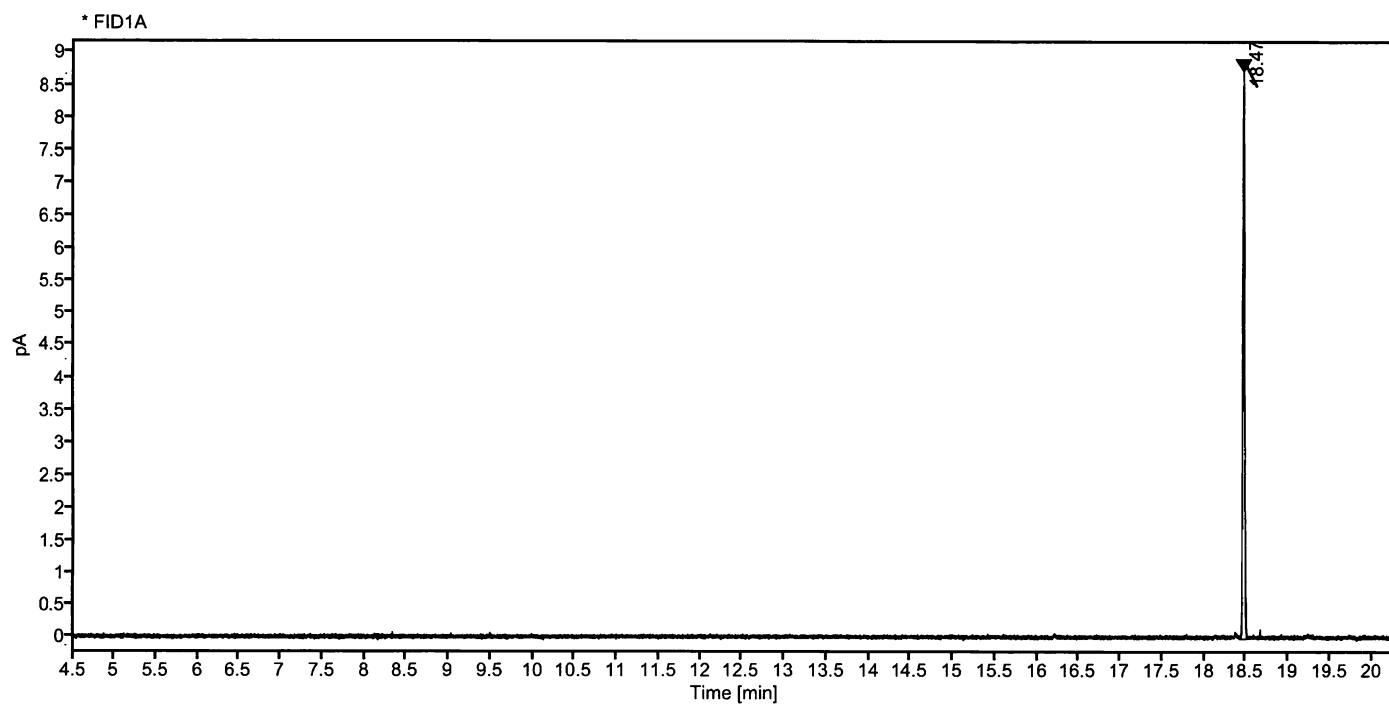
Certified on 19.10.2018

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.

Data file: 16655100-12-r001.dx **Instrument:** FID 3
Sample name: 980963IO **Sequence Name:** 2018KW41-1012a
Inj. volume [µl]: 1.0 **Injection date:** 10/12/2018 8:39:14 PM
Acq. method: PESK.amx **Location:** 55
Sample Description (E)-Pyrifenox



Signal: * FID1A

Nr.	RT [min]	Area [pA*s]	Height [pA]	Area%	Width [min]	S/N
1.	18.47	12.25299	8.72	100.00	0.117	290.1
	Sum	12.25				

Schmid D.