

Gravimetric Certificate

**EHRENSTORFER™**

Product Identification

14920000 Metalaxyl
Formula C₁₅H₂₁NO₄
Mol.Weight 279.34
CAS No. 57837-19-1

Expiry Date 09.03.2023

Lot Number 172674TO

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 %
Metalaxyl		100.000	99.9
			Weight (mg)
			11.014
Solvent Information			
Solvent	Lot No.	Exact Quantity (ml)	
Toluene	1525482	110.00	
Traceability Data			
14920000 G138929	neat product		
14920000 172674TO	100.000 mg/l		
Analytical Data			
Detection:	GC/FID	Method Details:	
Column:	DB-5, 30 m, ID 0.25 mm	Injector: 280° C	
Inj.-Vol.:	1.00 µl	Start Temperature: 60° C for 5 min	
Flow :	1.0 ml/min	End Temperature: 280° C for 1 min	
Ret.-Time:	17.61 min.	Gradient: 15° C/min	
Identity check RT			
Comment			
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 09.03.2018

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.

31.03.18/17

Data file: 14920000-13-r001.dx

Instrument: FID 3

Sample name: 172674TO

Sequence Name: 2018KW10-4a

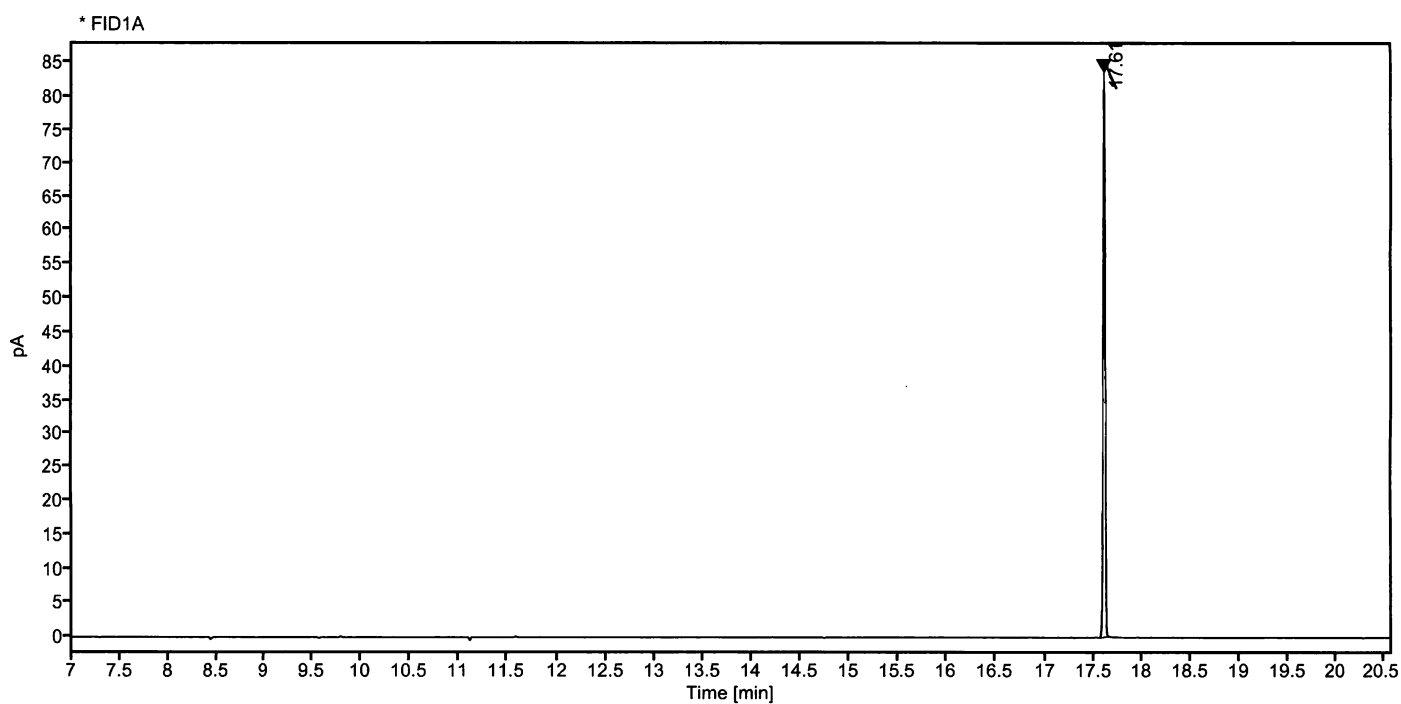
Inj. volume [µl]: 1.0

Injection date: 3/8/2018 9:28:22 PM

Acq. method: pesk.amx

Location: 15

Sample Description Metalaxyl



Signal: * FID1A

Nr.	RT [min]	Area [pA*s]	Height [pA]	Area%	Width [min]	S/N
1	17.61	114.00400	83.48	100.00	0.021	3101.3
	Sum	114.00				

Schmid D.