

# Gravimetric Certificate

**EHRENSTORFER™**

## Product Identification

20000800 PCB 8 (2,4'-Dichlorobiphenyl)

Formula C<sub>12</sub>H<sub>8</sub>Cl<sub>2</sub>

Mol.Weight 223.10

CAS No. 34883-43-7

Expiry Date 27.02.2023

Lot Number 168948IO

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 %	Weight (mg)
PCB 8 (2,4'-Dichlorobiphenyl)		10.000	98.0	7.964
Solvent Information				
Solvent		Lot No.	Exact Quantity (ml)	
Iso-Octane		H207022	780.00	
Traceability Data				
20000800 50305		neat product		
20000800 168948IO		10.000 mg/l		
Analytical Data				
Detection: GC/FID		Method Details:		
Column: DB-5, 30 m, ID 0.25 mm		Injector: 320° C		
Inj.-Vol.: 2.00 µl		Start Temperature: 120° C for 4 min		
Flow: 1.0 ml/min		End Temperature: 320° C for 3 min		
Ret.-Time: 11.03 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 27.02.2018

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: 20000800-26-r001.dx

Instrument: FID 3

Sample name: 168948IO

Sequence Name: 2018KW08-3a

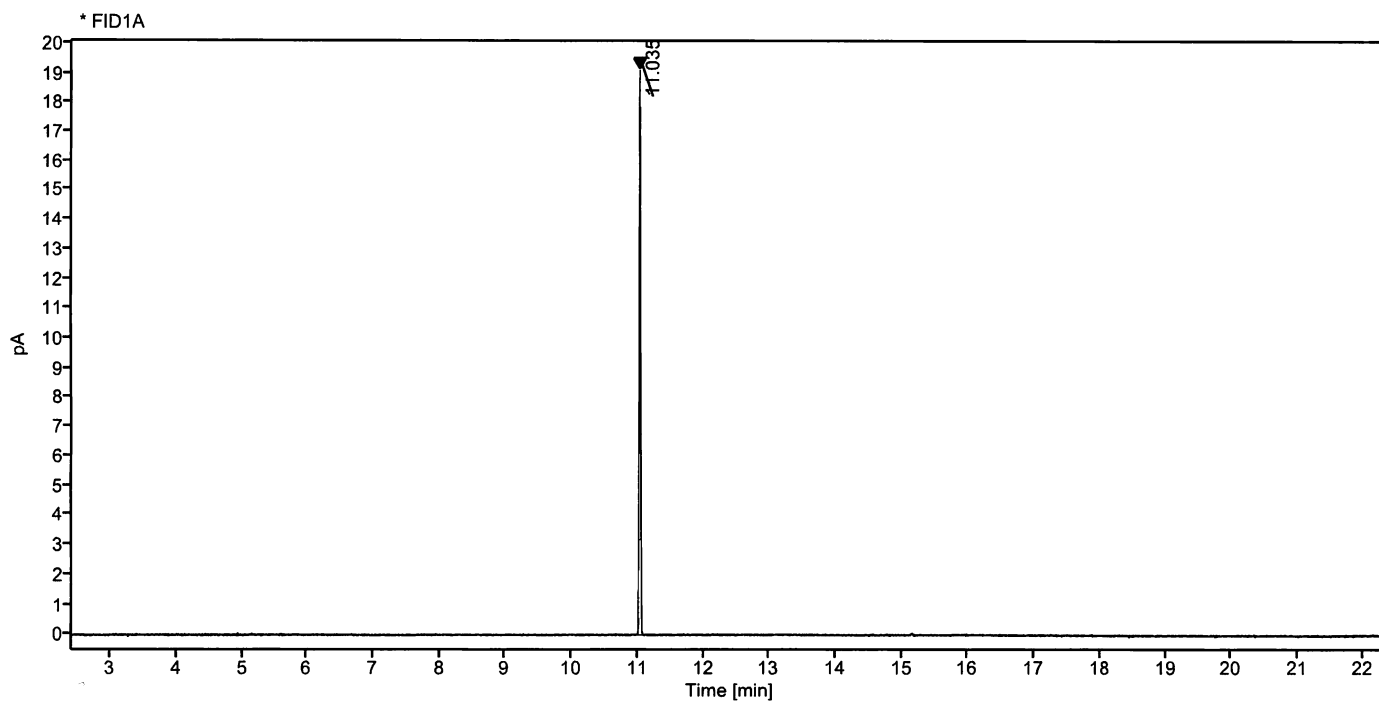
Inj. volume [ $\mu$ l]: 2.0

Injection date: 2/22/2018 6:48:38 AM

Acq. method: pahk\_2.amx

Location: 58

Sample Description PCB 8 (2,4'-Dichlorobiphenyl)



Signal: \* FID1A

Nr.	RT [min]	Area [pA*s]	Height [pA]	Area%	Width [min]	S/N
1	11.03	26.28246	19.12	100.00	0.096	764.3
	Sum	26.28				

Schmid D.