

Gravimetric Certificate

**EHRENSTORFER™**

Product Identification

20012600 PCB 126 (3,3',4,4',5-Pentachlorobiphenyl)
Formula C₁₂H₅Cl₅
Mol.Weight 326.44
CAS No. 57465-28-8

Expiry Date 07.03.2023

Lot Number 173128IO

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			10.000	94.5	21.164
PCB 126 (3,3',4,4',5-Pentachlorobiphenyl)					
Solvent Information			Exact Quantity (ml)		
Solvent	Lot No.				
Iso-Octane	H207027		2000.00		
Traceability Data					
20012600 144657		neat product			
20012600 173128IO		10.000 mg/l			
Analytical Data					
Detection:	GC/ECD		Method Details:		
Column:	DB-5, 30 m, ID 0.25 mm		Injector: 320° C		
Inj.-Vol.:	1.00 µl		Start Temperature:120° C for 4 min		
Flow :	1.0 ml/min		End Temperature: 320° C for 5 min		
Ret.-Time:	15.69 min.		Gradient: 15° C/min		
Identity check 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 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 w ith each individual operation involved in the preparation of this product.					

Certified on 07.03.2018

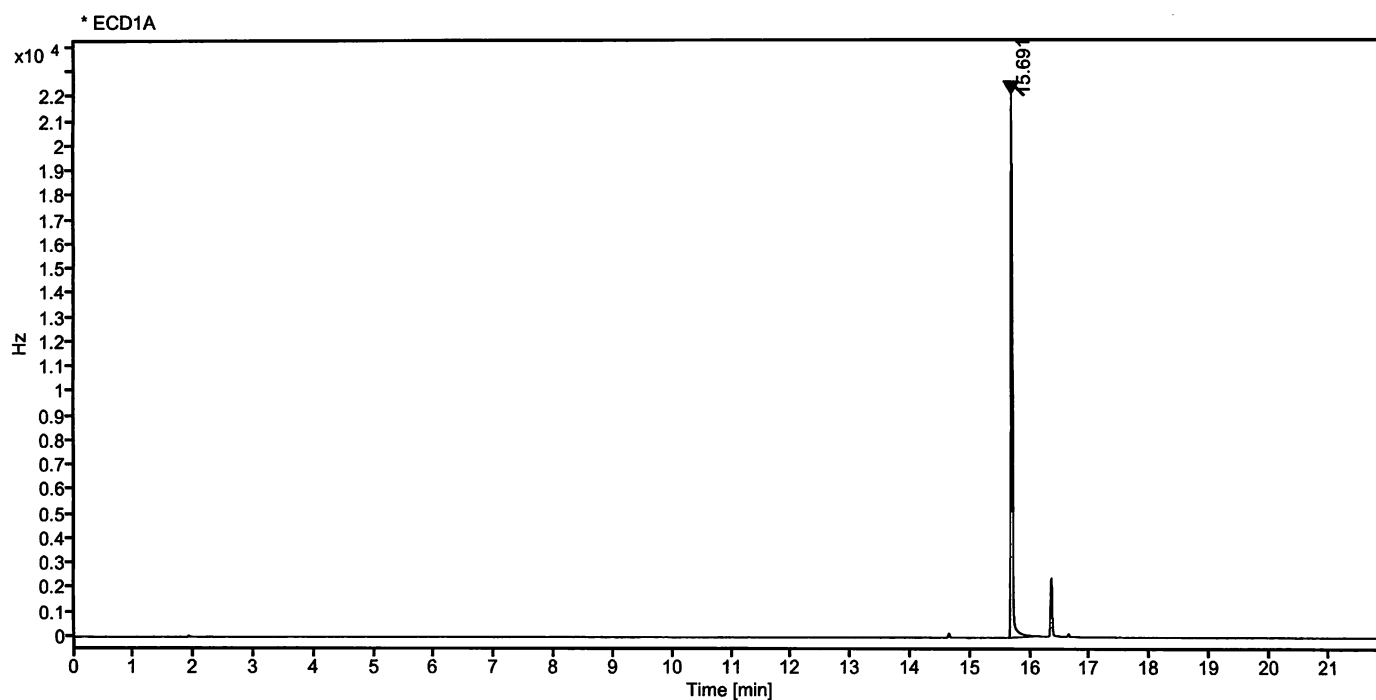
by M. Beck

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.

07-05-2018 17:14

Data file: 20012600-12-r001.dx Instrument: ECD
Sample name: 173128IO Sequence Name: 2018KW10-2a
Inj. volume [µl]: 1.0 Injection date: 3/6/2018 7:10:32 PM
Acq. method: PAHK.amx Location: 105
Sample Description PCB 126 (3,3',4,4',5-Pentachlorobiphenyl)



Signal: * ECD1A

Nr.	RT [min]	Area [Hz*s]	Height [Hz]	Area%	Width [min]
1	15.691	39359.17242	22044.81	100.00	0.027
	Sum	39359.17			

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