

Gravimetric Certificate

**EHRENSTORFER™**

Product Identification

20007000 PCB 70 (2,3',4',5-Tetrachlorobiphenyl)
Formula C₁₂H₆Cl₄
Mol.Weight 291.99
CAS No. 32598-11-1

Expiry Date 28.02.2023

Lot Number 168949IO

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 70 (2,3',4',5-Tetrachlorobiphenyl)		10.000	98.9	6.983
Solvent Information				
Solvent		Lot No.	Exact Quantity (ml)	
Iso-Octane		H207021	690.00	
Traceability Data				
20007000 134188		neat product		
20007000 168949IO		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.: 2.00 µl		Start Temperature: 120° C for 4 min		
Flow: 1.0 ml/min		End Temperature: 320° C for 5 min		
Ret.-Time: 13.81 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 w ith each individual operation involved in the preparation of this product.				

Certified on 28.02.2018

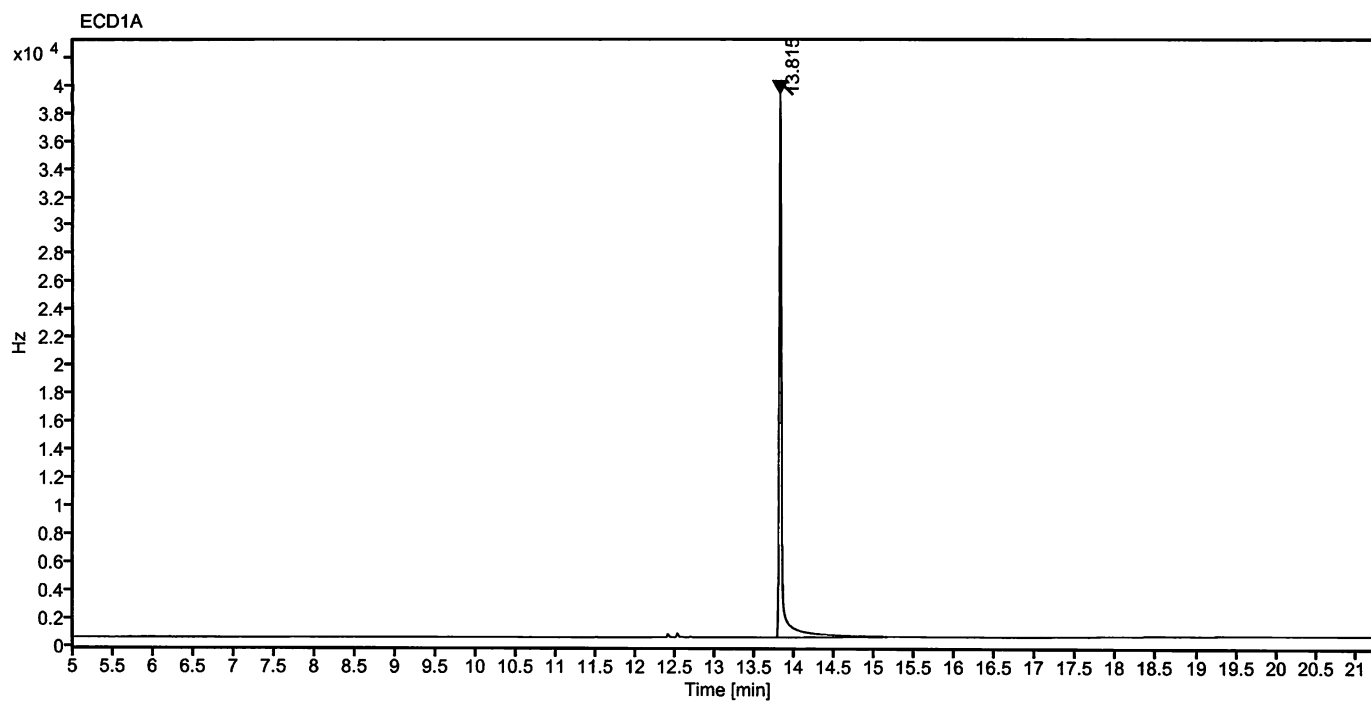
by M. Beck

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.

Data file: 20007000-17-r001.dx Instrument: ECD
Sample name: 168949IO Sequence Name: 2018KW08-5b
Inj. volume [µl]: 2.0 Injection date: 2/25/2018 8:25:24 AM
Acq. method: pahk_2.amx Location: 69

Sample Description PCB 70 (2,3',4',5-Tetrachlorobiphenyl)



Signal: ECD1A

Nr.	RT [min]	Area [Hz*s]	Height [Hz]	Area%	Width [min]
1	13.815	89025.56804	38717.17	100.00	0.033
	Sum	89025.57			

G. Bel