

Gravimetric Certificate



Product Identification

20005500 PCB No. 55
Formula C₁₂H₆Cl₄
Mol.Weight 291.99
CAS No. 74338-24-2

Expiry Date 05.02.2024
Lot Number 999725IO
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	99.2	3.226
PCB No. 55				
Solvent Information				
Solvent	Lot No.	Exact Quantity (ml)		
Iso-Octane	I24509	320.00		
Traceability Data				
20005500 451062	neat product			
20005500 999725IO	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: 13.96 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 which is Uc(y)*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 05.02.2019

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.

042115

Data file: 20005500-93-r001.dx

Instrument: FID 3

Sample name: 999725IO

Sequence Name: 2019KW05-0201a

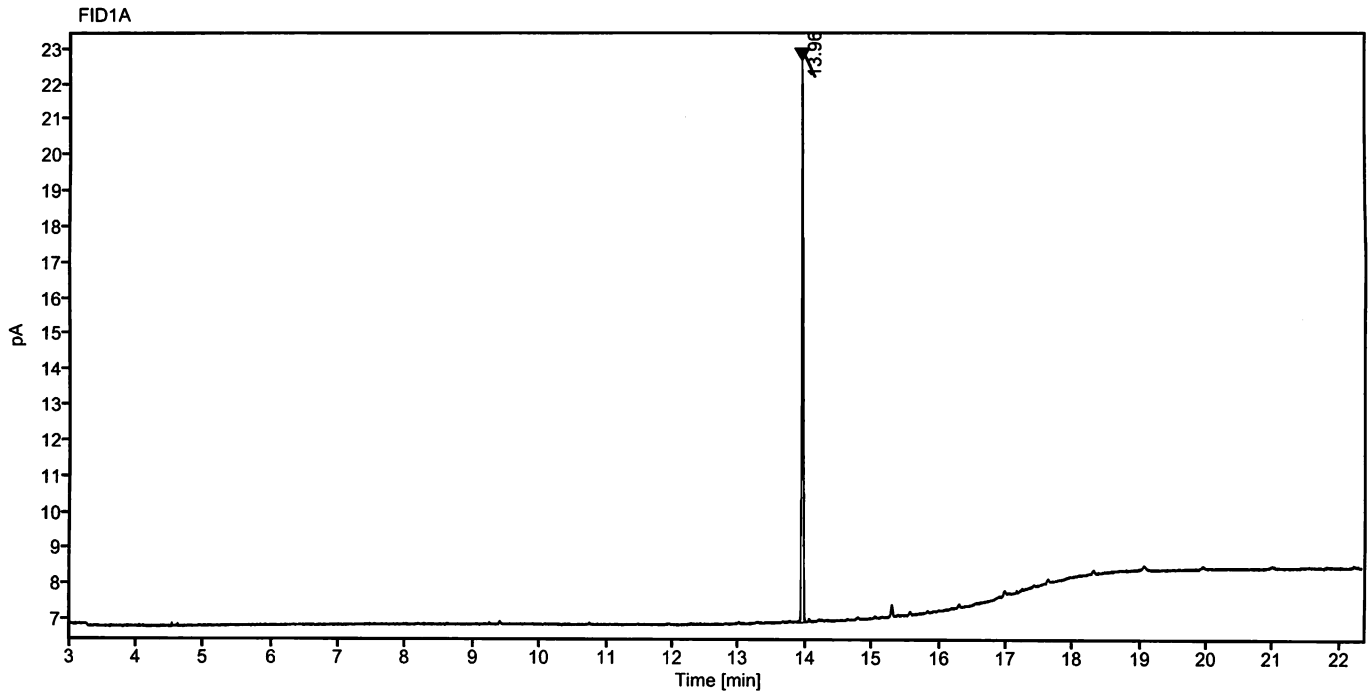
Inj. volume [µl]: 2.0

Injection date: 2/3/2019 1:47:19 PM

Acq. method: PAHK_2.amx

Location: 134

Sample Description PCB No. 55



Signal: FID1A

Nr.	RT [min]	Area [pA*s]	Height [pA]	Area%	Width [min]
1	13.96	22.98028	15.70	100.00	0.086
	Sum	22.98			