

Gravimetric Certificate



Product Identification

20010000 PCB No. 100
Formula C₁₂H₅Cl₅
Mol.Weight 326.44
CAS No. 39485-83-1

Expiry Date 23.04.2023
Lot Number 16938710
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	99.1	6.357
PCB No. 100				
Solvent Information				
Solvent	Lot No.	Exact Quantity (ml)		
Iso-Octane	H355M4	630.00		
Traceability Data				
20010000 661105	neat product			
20010000 16938710	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: 13.65 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 which is U _c (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.				

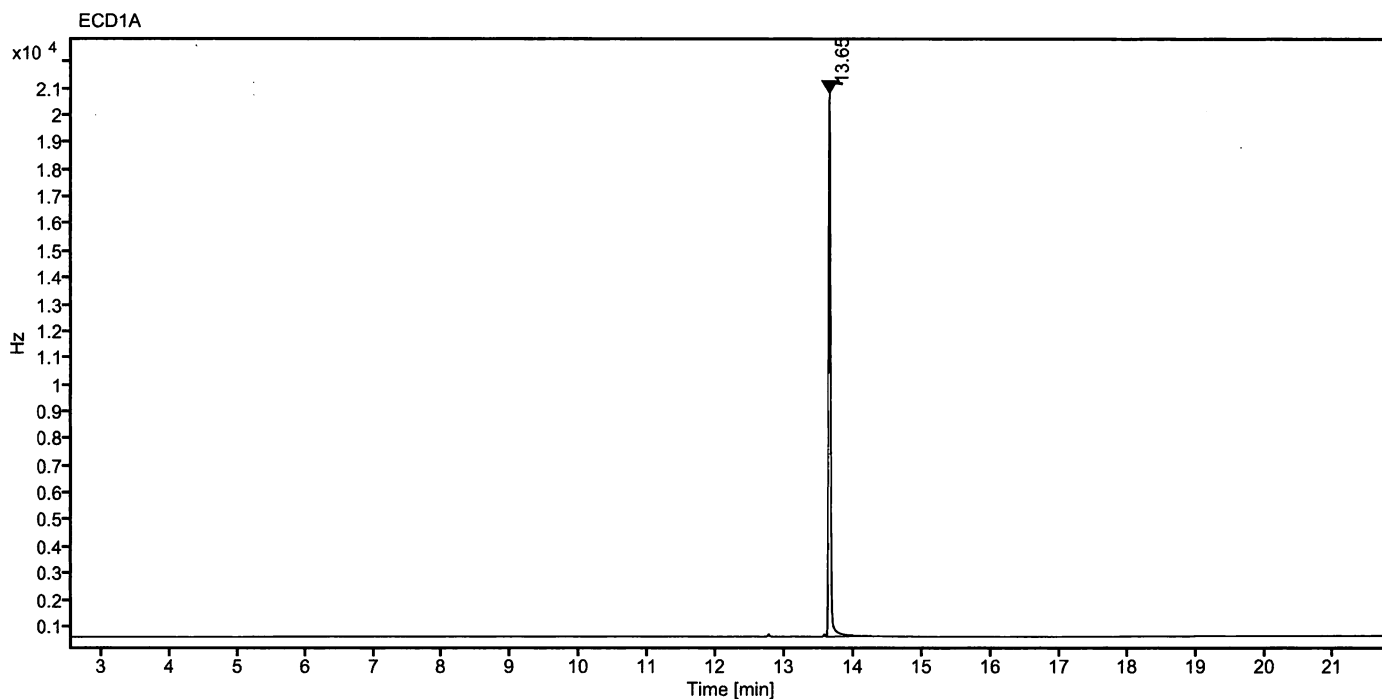
Certified on 23.04.2018
by D. Schmid

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.

LGC Labor GmbH · Bgm.-Schlosser-Str. 6 A · 86199 Augsburg · Germany
Phone +49 821 906080 · Fax +49 821 9060888 · augsburg.inquiry@lgcgroup.com
The warranty for this product is limited to the purchasing price of this product.

20180418

Data file: 20010000-09-r001.dx Instrument: ECD
Sample name: 169387IO Sequence Name: 2018KW16-0418-a
Inj. volume [µl]: 1.0 Injection date: 4/18/2018 8:04:38 PM
Acq. method: PAHK.amx Location: 23
Sample Description PCB No. 100



Signal: ECD1A

Nr.	RT [min]	Area [Hz*s]	Height [Hz]	Area%	Width [min]
1	13.65	38290.04179	20181.23	100.00	0.029
	Sum	38290.04			

Schmid D.