Gravimetric Certificate

LGC | DR EHRENSTORFER™

Product Identification

11457510 Chloroparaffin C10 44.82%Cl

Formula

Mol.Weight N/A

CAS No. 85422-92-0

Expiry Date 11.07.2023

Lot Number 174156CY

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)
Chloroparaffin C10 44.82%Cl	10.000	99.9	0.999

Solvent Information

Solvent	Lot No.	Exact Quantity (ml)
Cyclohexane	I092831771	100.00

Traceability Data

11457510 174155	neat product
11457510 174156CY	10.000 mg/l

Analytical Data

Detection: GC/ECD

Column: DB-5, 30 m, ID 0.25 mm

Inj.-Vol.: 1.00 µl

Flow: 1.0 ml/min

Ret.-Time:

Method Details:

Injector: 320° C

Start Temperature:320° C for 45 min

End Temperature: 320° C for 0 min

Gradient: 0° C/min

Identity check RT

Comment Property value was determined by gravimetric measurements and confirmed by peak area comparison.

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 11.07.2018

by D. Schmid

Schmid D.

The Laboratory LGC Labor GmbH is accreditated 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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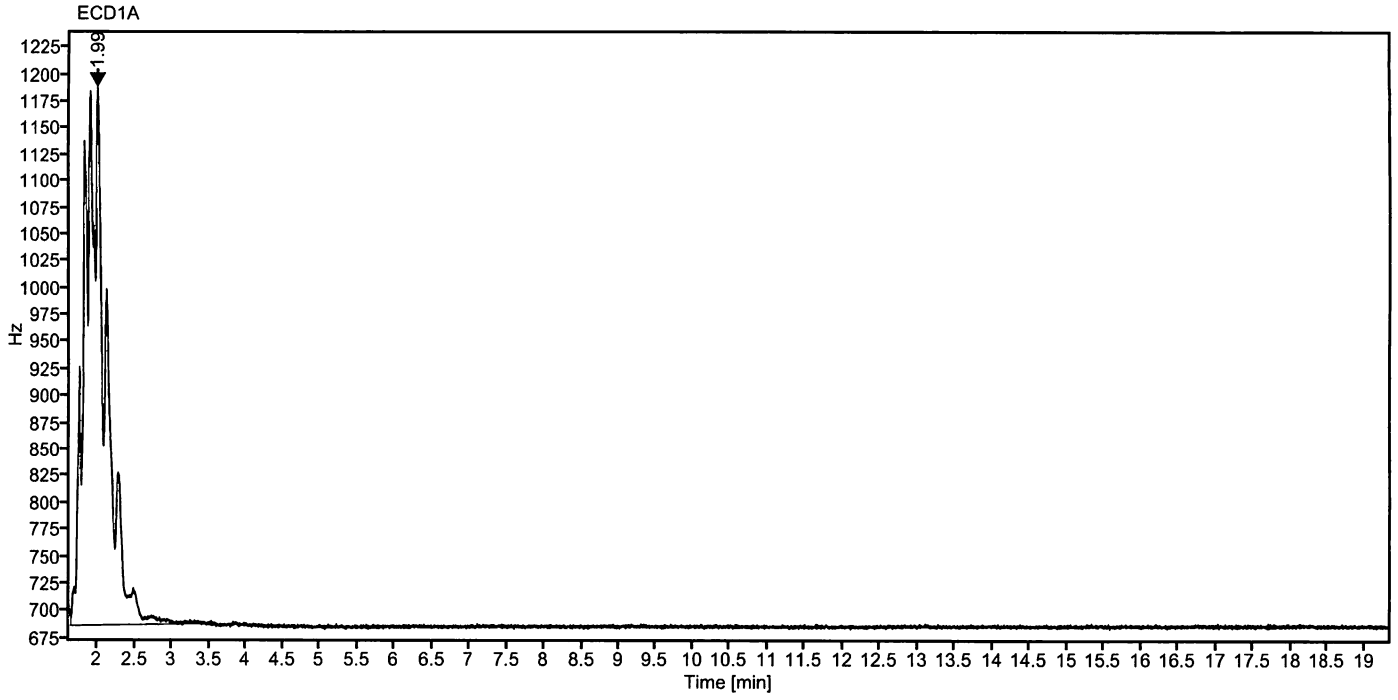
The warranty for this product is limited to the purchasing price of this product.

115715

Data file:	11457510-19.dx	**Instrument:**	ECD
Sample name:	174156CY	**Sequence Name:**	2018KW28-ECD-0710
Inj. volume [µl]:	1.0	**Injection date:**	7/11/2018 1:21:44 AM
Acq. method:	320_20min.amx	**Location:**	17
Sample Description	Chloroparaffin C10 44.82%Cl		



Signal: ECD1A

Nr.	RT [min]	Area [Hz*s]	Height [Hz]	Area%	Width [min]
1	1.99	10054.43422	501.81	100.00	0.239
	Sum	10054.43			

Schmid D.