Gravimetric Certificate

LGC | DR EHRENSTORFER™

Product Identification

22102105 Chloroparaffin C10-C12 Mix 5

Please note: The expiry date is valid under recommended storage conditions only.

Expiry Date 22.06.2023
Lot Number 928963HP
Store at 20°C in the dark

Gravimetric Data

	Product Name	CAS	Final Conc. (mg/l)	Lot. No.	Purity (%) Conc. (mg/l)	Weight/Volume	RT (min.)
1	Chloroparaffin C10 50.18%Cl	85422-92-0	1.000	117667	99.900	0.050 mg	
2	Chloroparaffin C10 55.00%Cl	85422-92-0	1.000	117668	99.900	0.050 mg	
3	Chloroparaffin C11 45.50%Cl	85422-92-0	1.000	117671	99.900	0.050 mg	
4	Chloroparaffin C11 50.21%Cl	85422-92-0	1.000	117672	99.900	0.050 mg	
5	Chloroparaffin C12 45.32%Cl	85422-92-0	2.000	117676	99.900	0.100 mg	
6	Chloroparaffin C12 50.18%Cl	85422-92-0	2.000	117677	99.900	0.100 mg	
7	Chloroparaffin C12 55.00%Cl	85422-92-0	2.000	117678	99.900	0.100 mg	

Solvent Information

Solvent	Lot No.	Exact Quantity (ml)
n-Heptane	1708203	50.00

Analytical Data

Detection: GC/ECD
Column: DB-5, 30 m, ID 0.25 mm
Inj.-Vol.: 1.00 µl
Flow: 1.0 ml/min

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 No chromatogram available.

The uncertainty/tolerance of this standard is +/- 10.0 %, 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 22.06.2018
by M. Beck

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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