Gravimetric Certificate

LGC | DR EHRENSTORFER™

Product Identification

17382500 2,4,5,6-Tetrachloro-m-xylene

Formula C8H6Cl4

Mol.Weight 243.95

CAS No. 877-09-8

Expiry Date 11.05.2021

Lot Number 175119ME

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)
2,4,5,6-Tetrachloro-m-xylene	100.000	99.0	5.054

Solvent Information

Solvent	Lot No.	Exact Quantity (ml)
Methanol	171145410	50.00

Traceability Data

17382500 21107	neat product
17382500 175119ME	100.000 mg/l

Analytical Data

Detection: HPLC/DAD

Column: ReproSil 100 C18 5µ 250x3

Inj.-Vol.:

Flow: 0.5 ml/min

Ret.-Time: **3.51 min.**

Method Details:

Acetonitrile:100%

Identity check RT, UV

Comment Inj.-Vol.: 3µl

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 11.05.2018

by N. Müller

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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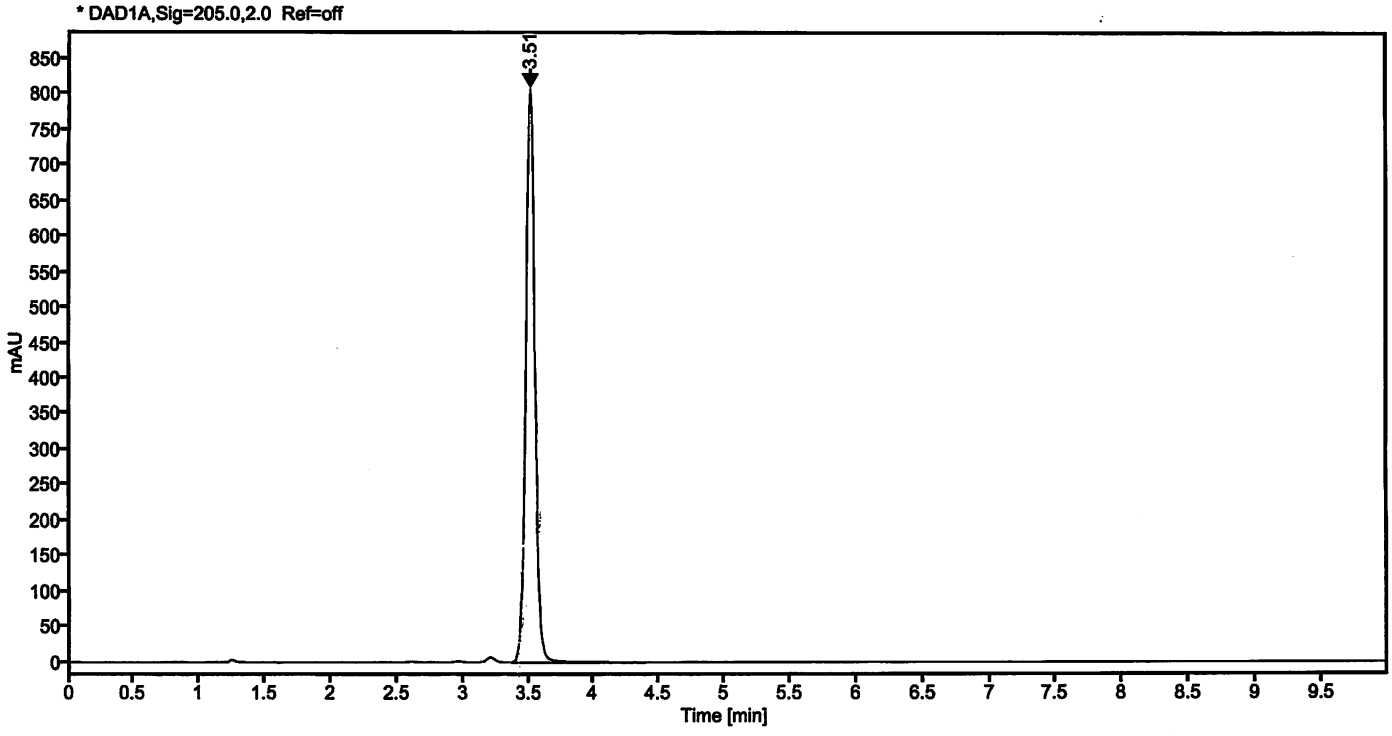
The warranty for this product is limited to the purchasing price of this product.

1105K

Data file:	17382500-25-r001.dx	**Instrument:**	DAD4
Sample name:	175119ME	**Sequence Name:**	09052018-1b1
Inj. volume [µl]:	3.0	**Injection date:**	5/9/2018 6:25:56 PM
Acq. method:	100AL.amx	**Location:**	60

Sample Description 2,4,5,6-Tetrachloro-m-xylene



Signal: * DAD1A,Sig=205.0,2.0 Ref=off

Nr.	RT [min]	Area	Height	Area%
1	3.51	4008.13091	811.11	100.00
	Sum	4008.13		