

Gravimetric Certificate



Product Identification

11020000 Carbophenothion
Formula C₁₁H₁₆ClO₂PS₃
Mol.Weight 342.87
CAS No. 786-19-6

Expiry Date 14.12.2022
Lot Number 993294CY
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)
Carbophenothion		100.000	94.3	6.368
Solvent Information				
Solvent	Lot No.	Exact Quantity (ml)		
Cyclohexane	I093411760	60.00		
Traceability Data				
11020000 G163654	neat product			
11020000 993294CY	100.000 mg/l			
Analytical Data				
Detection: HPLC/DAD	Method Details:			
Column: ReproSil 100 C18 5µ 250x3	Acetonitrile:H ₂ O+0,5% H ₃ PO ₄ 9:1			
Inj.-Vol.:				
Flow: 1.0 ml/min				
Ret.-Time: 2.90 min.				
Identity check RT, UV				
Comment Inj. Vol.: 5 µl				
The uncertainty/tolerance of this standard is +/- 4.0 %, 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 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 14.12.2018

by M. Beck

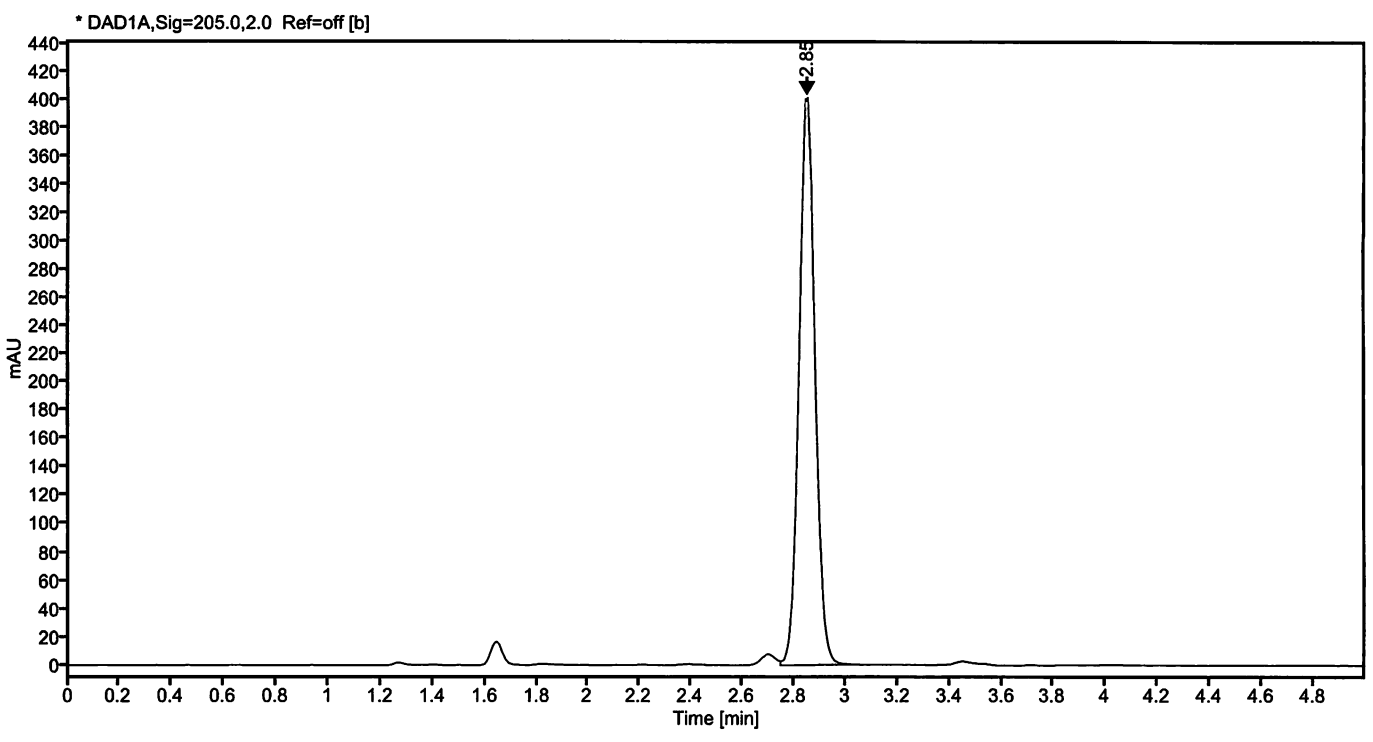
The Laboratory LGC Labor GmbH is accredited by DAkkS as indicated by the Accreditation Number D-RM-19883-01 & D-PL-19883-01 has shown competence based on ISO Guide 34:2009 with relevant parts of DIN EN ISO/IEC 17025:2005 for production of certified reference materials in form of organic pure substances 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.

13.12.2018

Data file: 11020000-03-r001.dx Instrument: DAD4
Sample name: 993294CY Sequence Name: 11122018-4
Inj. volume [µl]: 5.0 Injection date: 12/12/2018 12:48:44 AM
Acq. method: 91PK.amx Location: 45

Sample Description Carbophenothion



Signal: * DAD1A,Sig=205.0,2.0 Ref=off [b]

Nr.	RT [min]	Area	Height	Area%
1	2.85	1740.99576	403.52	100.00
	Sum	1741.00		

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