

Certificate of Analysis

**EHRENSTORFER™**

Product Identification

17803310 Triclosan-methyl D3 (methoxy D3)

CA 4-Chloro-1-(2,4-dichlorophenoxy)-2-methoxybenzene D3 (methoxy D3)

IUPAC 2,4,4'-Trichloro-2'-hydroxydiphenyl methyl ether D3 (methoxy D3)

Formula C₁₃H₆Cl₃O₂D₃

Mol.Weight 306.57


CAS No. 1020720-00-6

Expiry Date 08.06.2024

Lot Number 174429

Store at 20 °C ±4 °C

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

Toxicological Data  R Code S Code LD50 (Rats female/male in mg/kg) N/A	Physical Data Phase liquid Color yellowish Melt.Range Vapour pressure N/A at °C Solubility in water N/A g/l at °C Boiling Range (lit.)
Analytical Data Detection: GC/FID Column: DB-5, 30 m, ID 0.25 mm Inj.-Vol.: 1.00 µl Flow: 1.0 ml/min Ret.-Time: 13.95 min. Method Details: Injector: 320° C Start Temperature: 120° C for 4 min End Temperature: 320° C for 3 min Gradient: 15° C/min	
Identity: MS, RT, UV Comment Purity was determined by chromatographic assay corrected by water. Chemical purity 99.3% Isotopic Value: 99,8% (99,7% D3, 0,3% D2)	
Water Content 0.1 % Determined by Karl-Fischer Titration Det. Purity 99.1 % Tolerance/Uncertainty +/- 1.0 % The uncertainty/tolerance of this standard is 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 08.06.2018

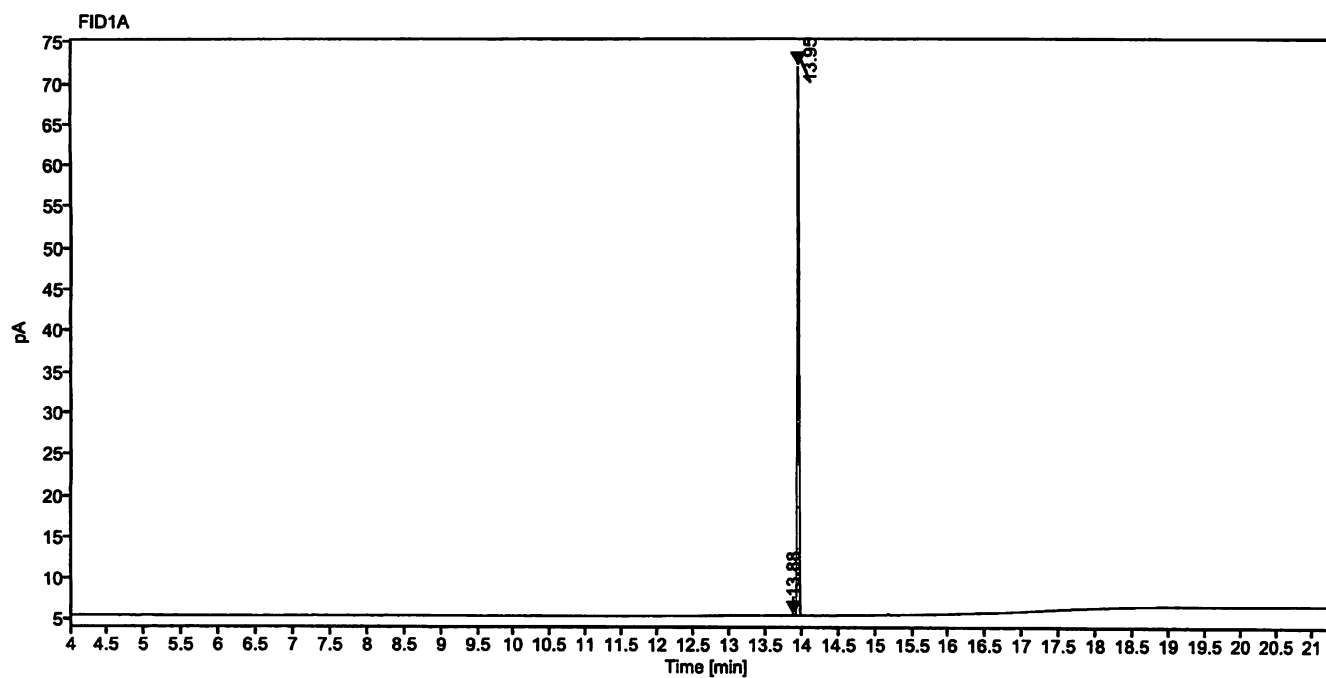
by M. Beck

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.

Data file: 17803310-17-r001.dx Instrument: FID 2
Sample name: 80522CY 174429 Sequence Name: 2018KW21-FID2-0523-a
Inj. volume [µl]: 1.0 Injection date: 5/24/2018 1:45:58 AM
Acq. method: PAHK.amx Location: 57

Sample Description Triclosan-methyl D3 (methoxy D3)



Signal:	FID1A				
Nr.	RT [min]	Area [pA*s]	Height [pA]	Area%	Width [min]
1	13.88	0.26325	0.18	0.28	0.021
2	13.95	95.41965	66.55	99.72	0.022
	Sum	95.68			

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