Gravimetric Certificate

LGC | DR EHRENSTORFER™

Product Identification

14210000 Hexythiazox
Formula C17H21ClN2O2S
Mol.Weight 352.88
CAS No. 78587-05-0

Expiry Date 06.08.2021
Lot Number 174712TO
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)
Hexythiazox	10.000	99.8	3.205

Solvent Information

Solvent	Lot No.	Exact Quantity (ml)
Toluene	1525483	320.00

Traceability Data

14210000 124025	neat product
14210000 174712TO	10.000 mg/l

Analytical Data

Detection: GC/FID
Column: DB-5, 30 m, ID 0.25 mm
Inj.-Vol.: 2.00 µl
Flow: 1.0 ml/min
Ret.-Time: **13.71 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 check
Comment No chromatogram available.

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 06.08.2018
by Dr. K. Wörmann

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.