

Certificate of Analysis



EHRENSTORFER™

Product Identification

17904000 VAT Red 1

Expiry Date 11.09.2024

CA Benzo[b]thiophen-3(2H)-one, 6-chloro-2-(6-chloro-4-methyl-3-oxobenzo[b]thien-2(3H)-ylidene)-

Lot Number 981626

IUPAC 6-Chloro-2-(6-chloro-4-methyl-3-oxo-benzothiophen-2-ylidene)-4-methyl-benzothiophen-3-one

Store at 20 °C ±4 °C

Formula C₁₈H₁₀Cl₂O₂S₂

Mol.Weight 393.31

CAS No. 2379-74-0

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 crystalline solid

Vapour pressure N/A at °C

Color red

Solubility in water N/A g/l at °C

Melt.Range dec. °C

Boiling Range (lit.)

Analytical Data

Detection: GC/FID

Method Details:

Column: DB-5, 30 m, ID 0.25 mm

Injector: 320° C

Inj.-Vol.: 1.00 µl

Start Temperature: 320° C for 45 min

Flow: 1.0 ml/min

End Temperature: 320° C for 0 min

Ret.-Time: 6.54 min.

Gradient: 0° C/min

Identity: EA, RT, IR

Comment Purity was determined by elemental analysis.
No chromatogram available.

Water Content 0.4 % Determined by Karl-Fischer Titration

Det. Purity 98.2 % Tolerance/Uncertainty +/- 5.0 %

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 $Uc(y) \cdot K$, 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 11.09.2018

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.