

Certificate of Analysis

**EHRENSTORFER™**

Product Identification

13600000 Fentin-acetate

CA Acetic acid,triphenylstannyl ester

IUPAC Triphenyltin acetate

Formula C₂₀H₁₈O₂Sn

Mol.Weight 409.04

CAS No. 900-95-8

Expiry Date 16.07.2022

Lot Number 833095

Store at 20 °C ±4 °C

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

Toxicological Data



R Code 24/25-26-41-48-53-63

S Code 23-25-36/37-46-61

LD50 (Rats female/male in mg/kg) 125

Physical Data

Phase crystalline solid

Color colourless

Melt.Range

Vapour pressure 1.9 mPa at 60 °C

Solubility in water 0.009 g/l at 20 °C

Boiling Range (lit.)

Analytical Data

Detection: HPLC/DAD

Column: ReproSil 100 C18 5µ 250x3

Inj.-Vol.: 10.00 µl

Flow: 0.5 ml/min

Ret.-Time: **41.08 min.**

Method Details:

Eluent A: Acetonitrile:H₂O 1:9 for 2 min

Eluent B: Acetonitrile 100% for 5 min

Eluent A -> Eluent B: 45 min

Identity: UV, RT, NMR, EA

Comment No chromatogram available.

Water Content 0.5 % Determined by Karl-Fischer Titration

Det. Purity 90.0 % 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 $U_c(y) \cdot K$, 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 16.07.2018

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.