

Certificate of Analysis

Dr. Ehrenstorfer



Product Identification

Reference Materials for Residue Analysis

16659510 Pyriminobac-methyl (E)

Expiry Date 14.07.2019

CA Benzoic acid,2-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-6-[(1E)-1-(methoxyimino)ethyl]-, methyl ester

Lot Number 107164

IUPAC methyl 2-(4,6-dimethoxy-2-pyrimidinyl)oxy)-6-((1E)-1-methoxyiminoethyl)benzoate

Store at 4 °C ±4 °C

Formula C₁₇H₁₉N₃O₆

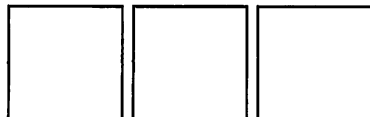
Mol.Weight 361.34

CAS No. 147411-69-6

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

Toxicological Data

Physical Data



Phase crystalline solid

Vapour pressure N/A at °C

Color colourless

Solubility in water <1 g/l at 20 °C

Melt.Range 108,5 °C

Boiling Range (lit.)

R Code

S Code

LD50 (Rats female/male in mg/kg) >5000

Analytical Data

Detection: HPLC/DAD

Method Details:

Column: ReproSil 100 C18 5µ 250x3

Acetonitrile:H₂O 4:1

Inj.-Vol.: 10.00 µl

Flow: 1.0 ml/min

Ret.-Time: 2.04 min.

Identify: IR, UV, RT

Comment Purity was confirmed by external standard method.

Water Content 0.1 % Determined by Karl-Fischer Titration

Det. Purity 99.0 % Tolerance/Uncertainty +/- 0.5 %

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 14.07.2016

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.

