

Certificate of Analysis

Dr. Ehrenstorfer



Product Identification

16659510 Pyriminobac-methyl (E)

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

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

Formula C₁₇H₁₉N₃O₆

Mol.Weight 361.34

CAS No. 147411-69-6


Reference Materials for Residue Analysis

Expiry Date 25.03.2018

Lot Number 40311

Store at 4 °C ±4 °C

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

Toxicological Data	Physical Data
	Phase crystalline solid
R Code	Vapour pressure N/A at °C
S Code	Solubility in water <1 g/l at 20 °C
LD50 (Rats female/male in mg/kg) >5000	Boiling Range (lit.)

Analytical Data	Method Details:
Detection: HPLC/DAD	Acetonitrile:H ₂ O 9:1
Column: ReproSil 100 C18 5µ 250x3	
Inj.-Vol.: 10.00 µl	
Flow: 1.0 ml/min	
Ret.-Time: 1.43 min.	

Identity: RT, UV
Comment Purity was confirmed by external standard method.

Water Content 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 $U_c(y) \cdot K$, 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 25.03.2014

by P. Feuerriegel

The Laboratory Labor Dr. Ehrenstorfer-Schäfers is accredited by DAkkS as indicated by the Accreditation Number D-RM-14174-01 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.

Sample Name: 40314CY 40311

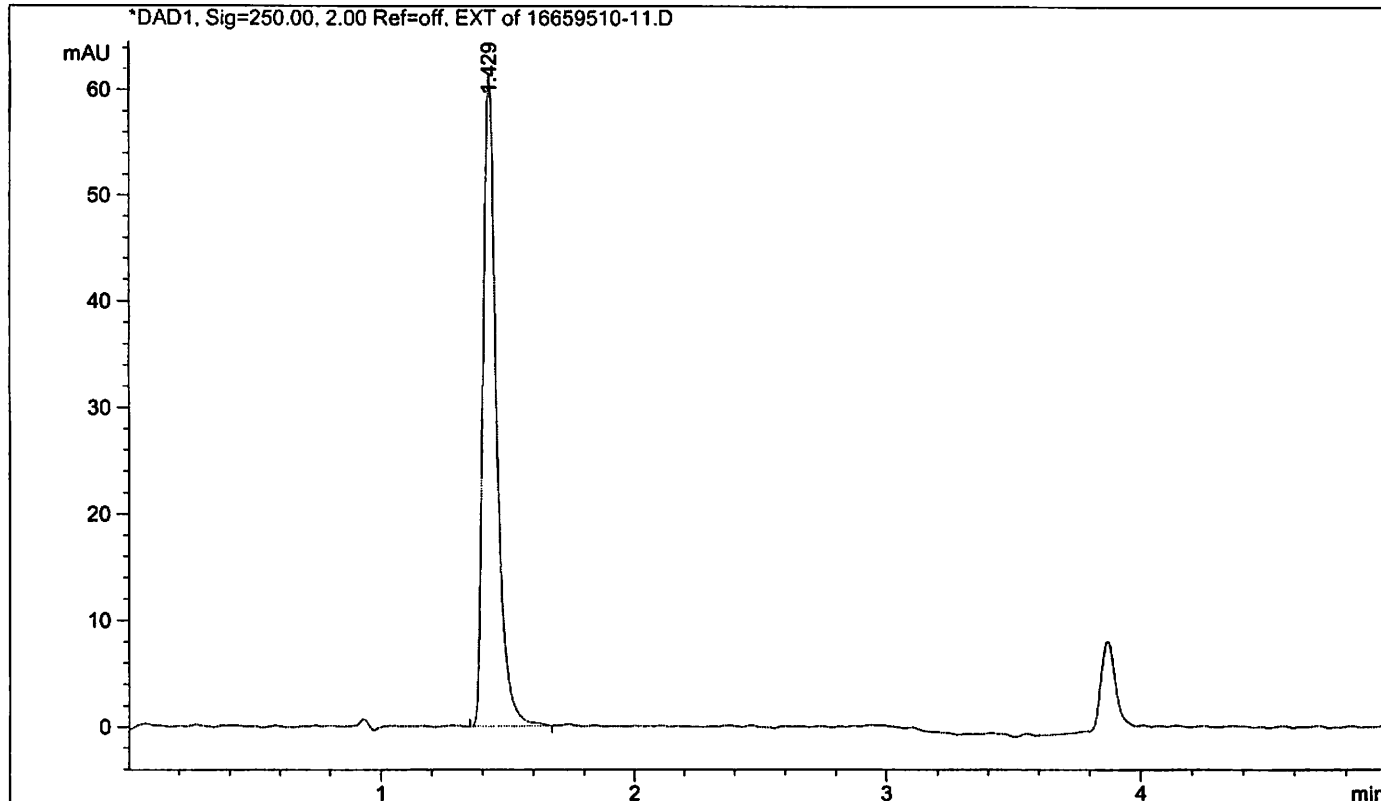
Pyriminobac-methyl (E)

17.3.14 v

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Injection Date   : 14.03.2014 21:55:48           Seq. Line :   54
Sample Name     : 40314CY 40311                 Location  : Vial 3
Acq. Operator  : DAD1_Admin                      Inj       :    1
Acq. Instrument : Instrument 1                   Inj Volume: 10 µl
Method         : D:\CHEM32\1\METHODS\91K.M
Last changed   : 27.12.2013 07:59:04 by DAD1_Admin
Acetonitrile   : Water 9 :1

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                          Area Percent Report
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Sorted By           :      Retention Time
Multiplier          :      1.0000
Dilution            :      1.0000
Use Multiplier & Dilution Factor with ISTDs

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Signal 1: DAD1, Sig=250.00, 2.00 Ref=off, EXT
Signal has been modified after loading from rawdata file!

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Peak #	RetTime [min]	Sig	Type	Area [mAU*s]	Height [mAU]	Area %
1	1.429	1	BB	225.24648	61.39692	100.0000

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Totals :                225.24648    61.39692
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*** End of Report ***

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