

Certificate of Analysis

Dr. Ehrenstorfer



Reference Materials for Residue Analysis

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

Expiry Date 09.01.2016

Lot Number 10119

Store at 4 °C ±4 °C

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) >5000	Physical Data Phase crystalline solid Color colourless Melt.Range Vapour pressure NA at °C Solubility in water <1 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: 1.0 ml/min Ret.-Time: 1.42 min. Method Details: Acetonitrile:H2O 9:1	
Identity: UV, RT Comment Purity was confirmed by external standard method.	
Water Content Determined by Karl-Fischer Titration Det. Purity 99.7 % 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)*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 09.01.2013

by C. Neukom



REF.NO.: 2074-01

The Laboratory Labor Dr. Ehrenstorfer-Schäfers is accredited by DGA as indicated by the Accreditation Certificate DGA-PL-4536.00 based on DIN EN ISO/IEC 17025:2005 for the weighing of amounts of substances for the preparation of standard solutions.

Labor Dr. Ehrenstorfer-Schäfers · Bgm.-Schlosser-Str. 6 A · 86199 Augsburg · Germany
Phone +49 821 906080 Fax +49 821 9060888 info@analytical-standards.com
The warranty for this product is limited to the purchasing price of this product.



DGA-PL-4536.00

=====

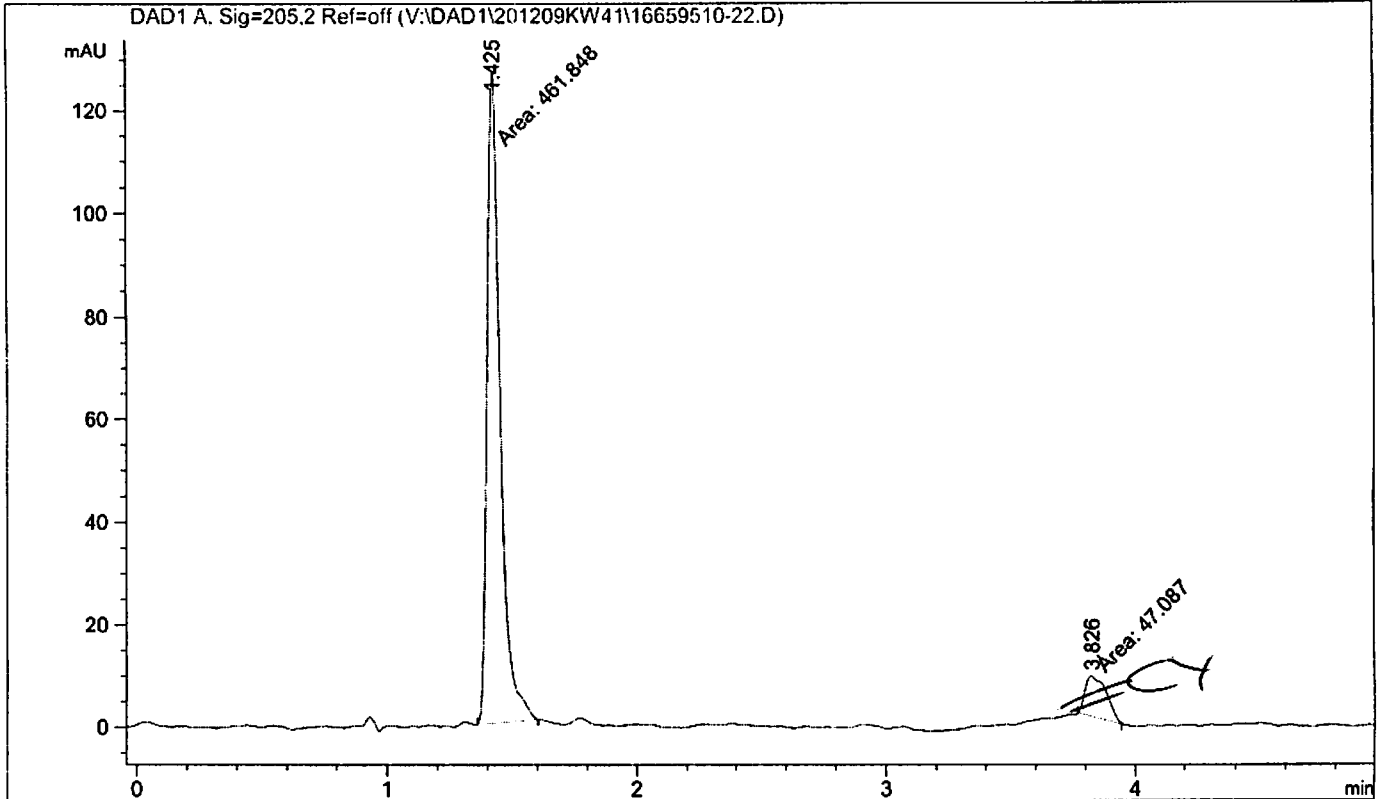
Acq. Operator	: Dr. Heidrich	Seq. Line	: 59
Acq. Instrument	: DAD1	Location	: Vial 69
Injection Date	: 10.10.2012 04:57:48	Inj	: 2
		Inj Volume	: 10.000 µl

Acq. Method : D:\CHEM32\1\METHODS\91K.M
Last changed : 06.09.2012 08:39:41 by Dr. Heidrich
Analysis Method : V:\DAD1\METHODS\91K.M
Last changed : 06.09.2012 08:39:41 by Dr. Heidrich
Method Info : Acetonitrile : Water 9 :1

Sample Info : Pyriminobac-methyl (E)

Century
11.10.12

Additional Info : Peak(s) manually integrated



=====
Area Percent Report
=====

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

Signal 1: DAD1 A, Sig=205,2 Ref=off

Peak #	RetTime [min]	Sig	Type	Area [mAU*s]	Height [mAU]	Area %
1	1.425	1	MM T	461.84756	127.61539	90.7479
2	3.826	1	MM T	47.08701	7.75690	9.2521

Totals : 508.93457 135.37230

[Signature]