

# 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 C<sub>17</sub>H<sub>19</sub>N<sub>3</sub>O<sub>6</sub>

Mol.Weight 361.34

CAS No. 147411-69-6

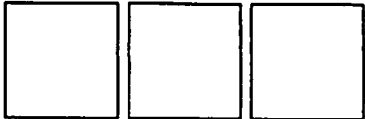
## Reference Materials for Residue Analysis

Expiry Date 09.01.2016

Lot Number 10121

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<br>Color colourless<br>Melt.Range                               |
| R Code<br>S Code<br>LD50 (Rats female/male in mg/kg) >5000   | Vapour pressure NA at °C<br>Solubility in water <1 g/l at 20 °C<br>Boiling Range (lit.) |
| Analytical Data  |   |
| Detection: HPLC/DAD<br>Column: ReproSil 100 C18 5µ 250x3<br>Inj.-Vol.: 10.00 µl<br>Flow: 1.0 ml/min<br>Ret.-Time:  | Method Details:<br>Acetonitrile:H2O 9:1   |
| Identity: RT, UV<br>Comment  |   |
| Water Content Determined by Karl-Fischer Titration<br>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 $Uc(y) \cdot K$ , 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. |   |

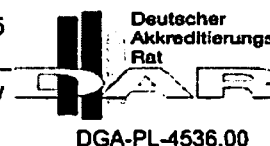
Certified on 09.01.2013

by C. Neukom



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.

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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.



Sample Name: 21012CY 10121

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Acq. Operator   : Dr. Heidrich                      Seq. Line :   61
Acq. Instrument : DAD1                             Location  : Vial 71
Injection Date  : 10.10.2012 05:17:54              Inj       :    1
                                                    Inj Volume: 10.000 µl

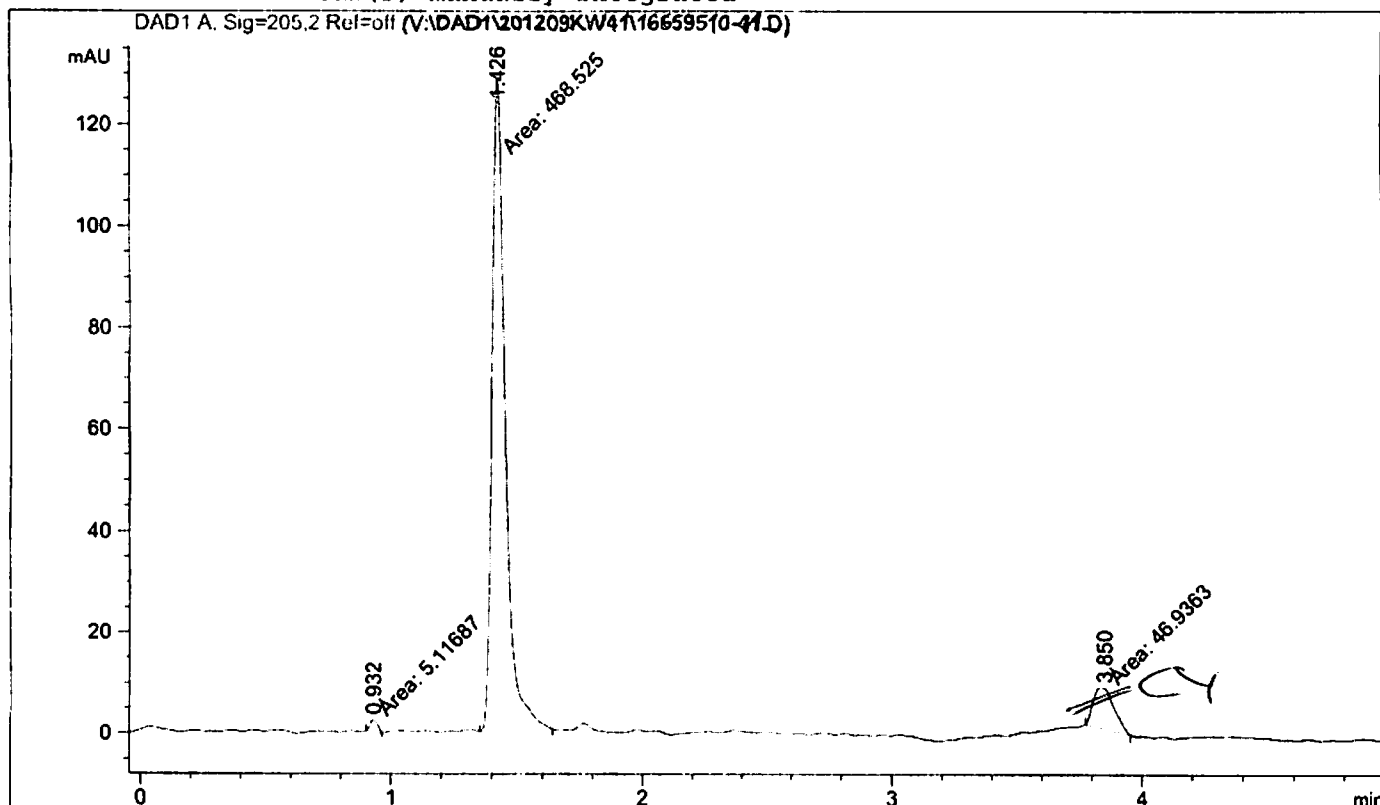
Acq. Method    : D:\CHEM32\1\METHODS\91K.M
Last changed   : 06.09.2012 08:39:41 by Dr. Heidrich
Analysis Method: V:\DAD1\METHODS\91K.M
Last changed   : 06.09.2012 08:39:41 by Dr. Heidrich
Method Info    : Acetonitrile : Water 9 : 1

Sample Info    : Pyriminobac-methyl (E)

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*Handwritten:*  
 G. H. H. H.  
 11.10.12

Additional Info : Peak(s) manually integrated



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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 A, Sig=205,2 Ref=off

| Peak # | RetTime [min] | Sig | Type | Area [mAU*s] | Height [mAU] | Area %  |
|--------|---------------|-----|------|--------------|--------------|---------|
| 1      | 0.932         | 1   | MM T | 5.11687      | 2.37665      | 0.9829  |
| 2      | 1.426         | 1   | MM T | 468.52481    | 129.39679    | 90.0009 |
| 3      | 3.850         | 1   | MM T | 46.93630     | 8.06564      | 9.0162  |

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Totals :                520.57798  139.83908
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