

Certificate of Analysis

Dr. Ehrenstorfer



Product Identification

15175500 (E)-Metaminostrobin
CA (E)-a-methoxyimino-N-methyl-2-phenoxybenzeneacetamide
IUPAC (E)-2-methoxyimino-N-methyl-2-(2-phenoxyphenyl)acetamide
Formula C₁₆H₁₆N₂O₃
Mol.Weight 284.3
CAS No. 133408-50-1

Reference Materials for Residue Analysis

Expiry Date 19.12.2020
Lot Number 115406
Store at 20 °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) 708

Physical Data

Phase crystalline solid
Color colourless
Melt.Range 87,1 °C
Vapour pressure 0.018 mPa at 25 °C
Solubility in water 0.128 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: 1.40 min.
Method Details:
Acetonitrile:H₂O 9:1

Identity: UV, RT, IR, MS
Comment Purity was determined by external standard method.

Water Content 0.0 % Determined by Karl-Fischer Titration
Det. Purity 99.0 % Tolerance/Uncertainty +/- 1.0 %

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 $Uc(y) \cdot K$, 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 19.12.2016
by K. Fenzke

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.

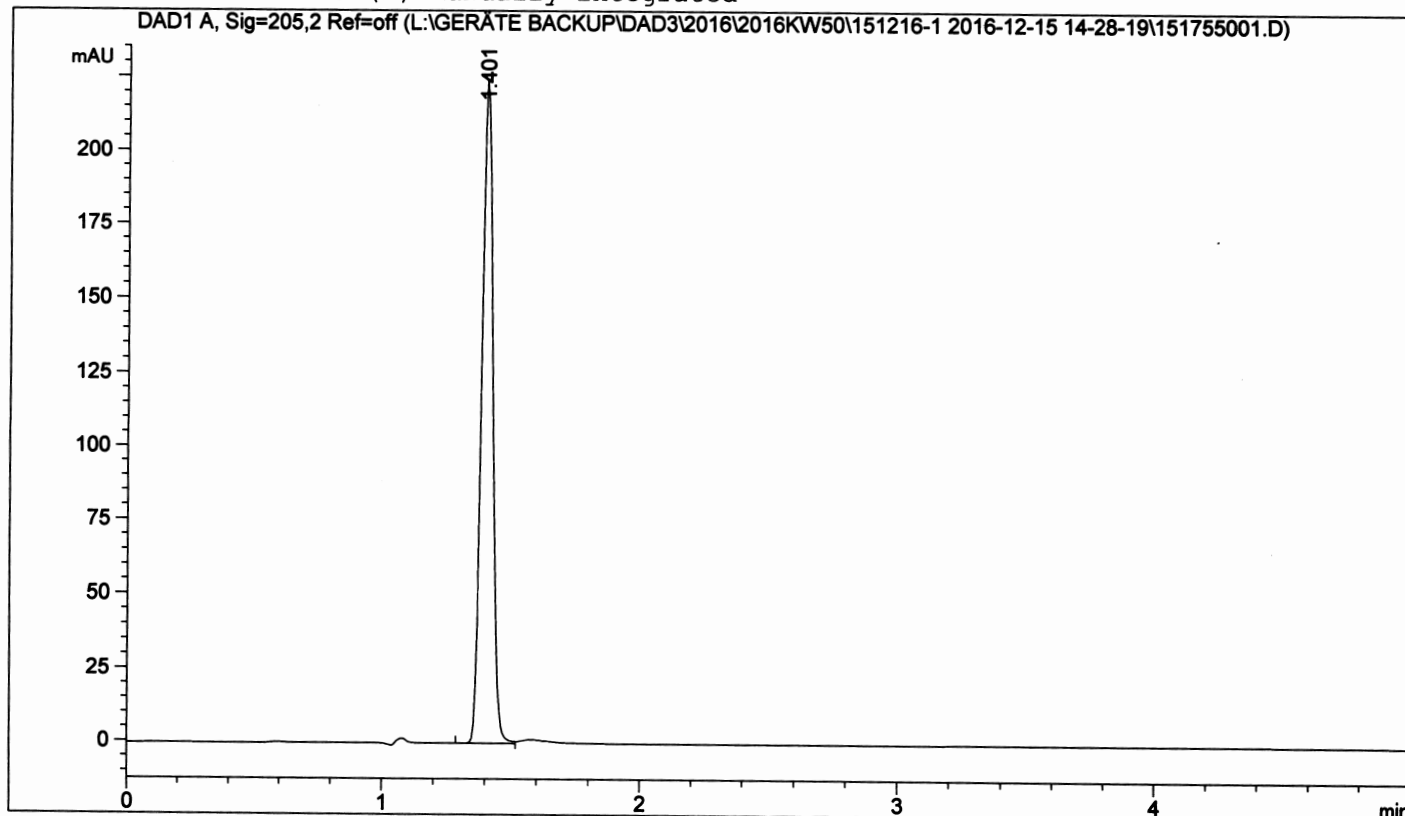
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Acq. Operator   : DAD3_Admin                Seq. Line : 12
Acq. Instrument : DAD3                    Location  : 70
Injection Date  : 15.12.2016 15:35:24      Inj       : 1
                                           Inj Volume: 10.000 µl
Acq. Method     : C:\Chem32\1\DATA\2016KW50\151216-1 2016-12-15 14-28-19\91K.M
Last changed    : 10.11.2015 09:42:49 by DAD3_Admin
Analysis Method : L:\GERÄTE BACKUP\DAD3\METHODS\91k.M
Last changed    : 10.11.2015 09:42:49 by DAD3_Admin
Method Info     : Acetonitrile : Water 9:1
    
```

1601

Sample Info : (E)-Metaminostrobin

Additional Info : Peak(s) manually integrated



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	1.401	1	BV	676.81195	224.75722	100.0000

Totals : 676.81195 224.75722

*** End of Report ***