

Certificate of Analysis

Dr. Ehrenstorfer



Product Identification

15654000 Noviflumuron

CA Benzamide, N-[[[3,5-dichloro-2-fluoro-4-(1,1,2,3,3,3-hexafluoropropoxy)phenyl]amino]carbonyl]-

IUPAC (RS)-1-[3,5-dichloro-2-fluoro-4-(1,1,2,3,3,3-hexafluoropropoxy)phenyl]-3-(2,6-

Formula C₁₇H₇Cl₂F₉N₂O₃

Mol.Weight 529.1

CAS No. 121451-02-3


Reference Materials for Residue Analysis

Expiry Date 01.10.2018

Lot Number 30916

Store at 20 °C ±4 °C

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

Toxicological Data	Physical Data
	Phase crystalline solid Color colourless Melt.Range 157,0 °C
R Code S Code LD50 (Rats female/male in mg/kg) >5000	Vapour pressure 7.19 × 10 ⁻⁸ mPa at 25 °C Solubility in water <0.1 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: 1.91 min.	Method Details: Acetonitrile:H ₂ O+0,5% H ₃ PO ₄ 9:1
Identity: UV, RT Comment Purity was confirmed by external standard method.	
Water Content 0.2 % Det. Purity 97.7 %	Determined by Karl-Fischer Titration 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 01.10.2013

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: 30926ME 30916

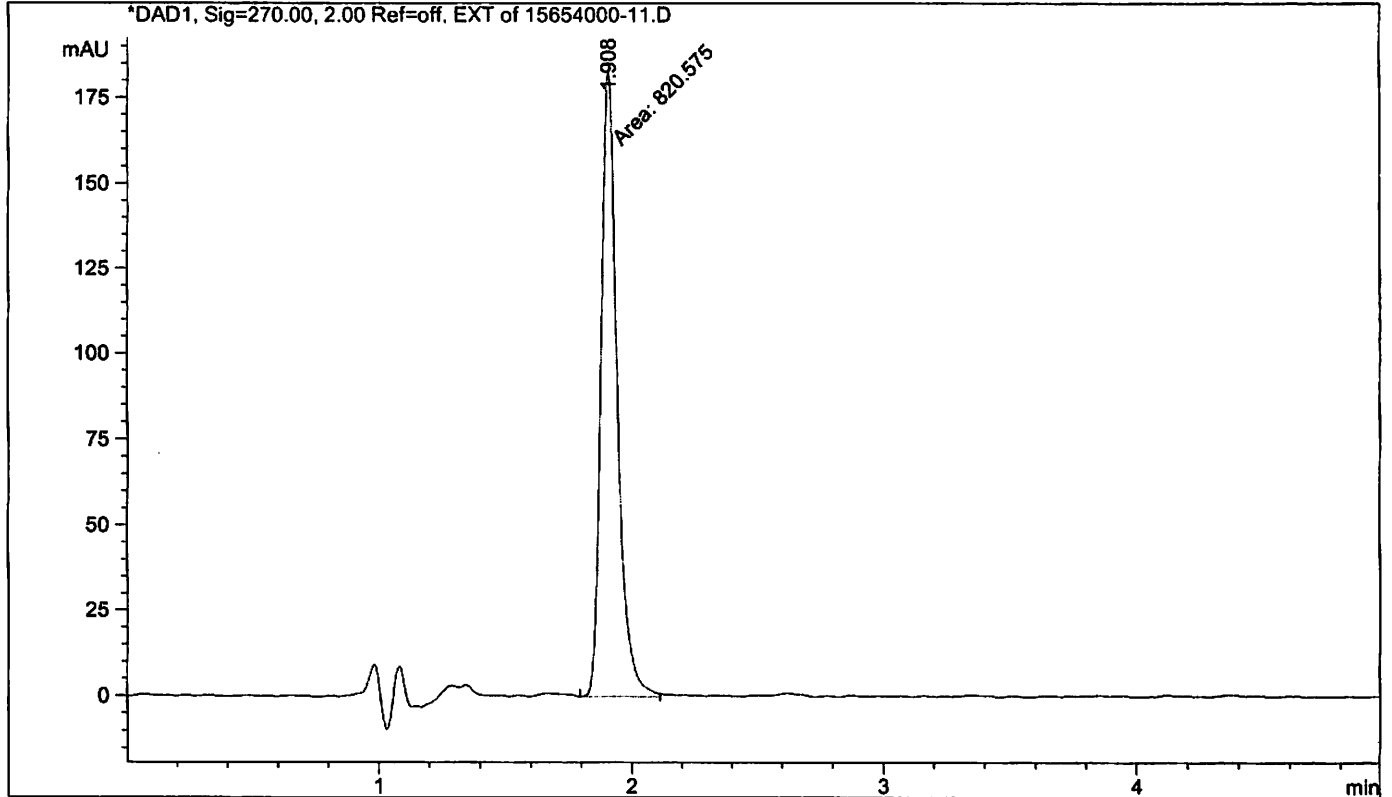
A. 16/17

Noviflumuron

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Injection Date   : 27.09.2013 22:31:53           Seq. Line :   59
Sample Name     : 30926ME 30916                 Location  : Vial 74
Acq. Operator   : DAD1_Admin                     Inj       :    1
Acq. Instrument : Instrument 1                   Inj Volume: 10 µl
Method          : D:\CHEM32\1\METHODS\91PK.M
Last changed    : 10.04.2012 16:05:22
Acetonitrile:   Water + 0.5% H3PO4 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=270.00, 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	1.908	1	MF	820.57501	183.85320	100.0000
Totals :				820.57501	183.85320	

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*** End of Report ***
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