

Certificate of Analysis

**EHRENSTORFER™**

Product Identification

10079500 Aldicarb-oxime

CA Propanal,2-methyl-2-(methylthio)-, oxime

IUPAC 2-Methyl-2-(methylthio)propanaloxime

Formula C₅H₁₁NOS

Mol.Weight 133.21

CAS No. 1646-75-9

Expiry Date 30.10.2023

Lot Number 157448

Store at -18 °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) N/A

Physical Data

Phase crystalline solid

Color colourless

Melt.Range

Vapour pressure N/A at °C

Solubility in water N/A g/l at °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: 8.40 min.

Method Details:

Eluent A: Acetonitrile:H₂O 1:9 for 1 min

Eluent B: Acetonitrile 100% for 5 min

Eluent A -> Eluent B: 19 min

Identity: UV, RT, IR, MS, NMR

Comment

Water Content 0.3 % Determined by Karl-Fischer Titration

Det. Purity 97.0 % Tolerance/Uncertainty +/- 2.0 %

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 $U_c(y) \cdot K$, 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 30.10.2017

by M. Beck

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.

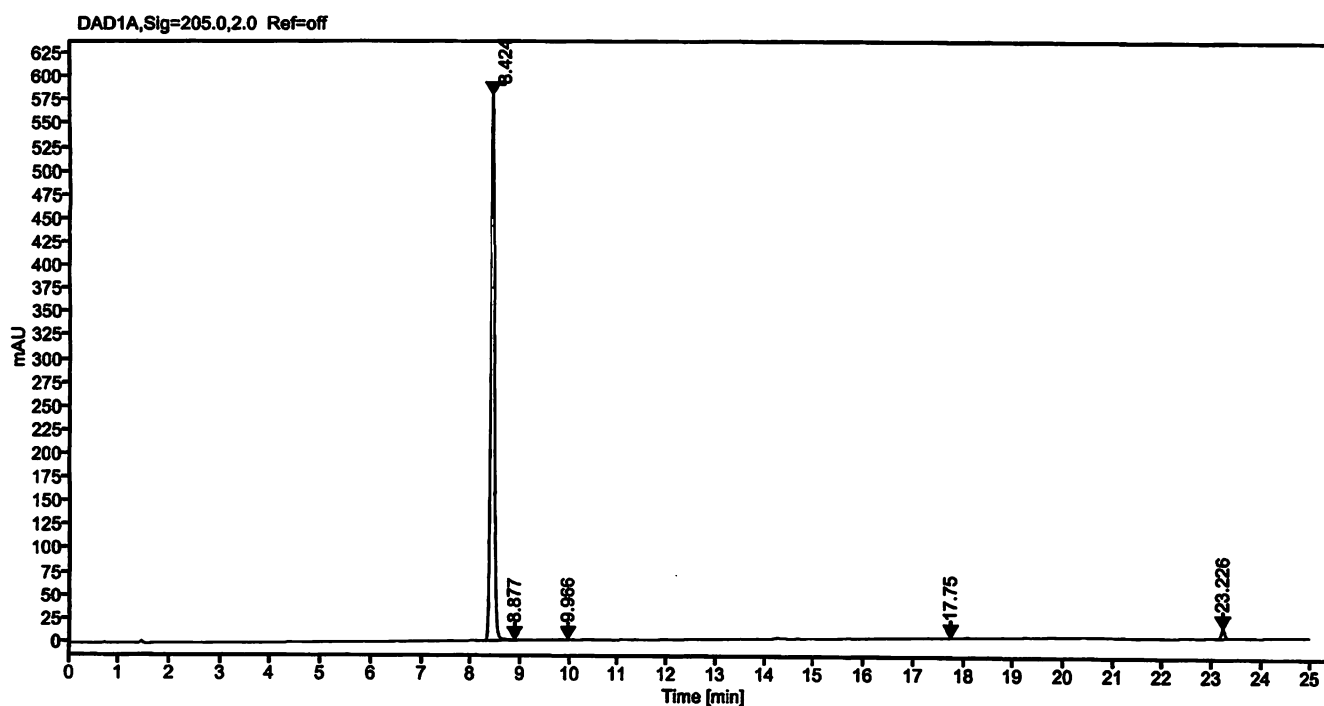
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The warranty for this product is limited to the purchasing price of this product.

1610 H

Data file: 10079500-07-r001.dx
Sample name: 71012AL 157448
Inj. volume [µl]: 10.0
Acq. method: Gradient_10-100_K.amx

Instrument: DAD3
Sequence Name: 13102017-Gradient
Injection date: 10/15/2017 11:41:38 AM
Location: 38

Sample Description Aldicarb-oxime



Signal: DAD1A, Sig=205.0, 2.0 Ref=off

Nr.	RT [min]	Area	Height	Area%
1	8.424	2995.85622	579.16	97.91
2	8.877	5.19870	0.66	0.17
3	9.966	6.22295	0.87	0.20
4	17.750	2.08303	0.51	0.07
5	23.226	50.50540	10.23	1.65
Sum		3059.87		

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