

Certificate of Analysis

**EHRENSTORFER™**

Product Identification

12670100 Dimethachlor-deschloro

CA Acetamide, N-(2,6-dimethylphenyl)-N-(2-methoxyethyl)-

IUPAC

Formula C₁₃H₁₉NO₂

Mol.Weight 221.30

CAS No. 1231710-71-6

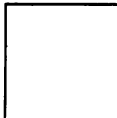
Expiry Date 14.09.2024

Lot Number 833505

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)

Physical Data

Phase crystalline solid

Color white

Melt.Range 38.1 °C

Boiling Range (lit.)

Analytical Data

Detection: GC/FID

Column: DB-5, 30 m, ID 0.25 mm

Inj.-Vol.: 1.00 µl

Flow: 1.0 ml/min

Ret.-Time: 15.69 min.

Method Details:

Injector: 280° C

Start Temperature: 60° C for 5 min

End Temperature: 280° C for 1 min

Gradient: 15° C/min

Identity: MS, UV, RT, NMR, EA

Comment Purity was determined by chromatographic assay corrected by water and/or residue solvents.

Water Content 0.4 %

Determined by Karl-Fischer Titration

Det. Purity 99.6 %

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 $U_c(y) \cdot K$, 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 14.09.2018

by M. Beck

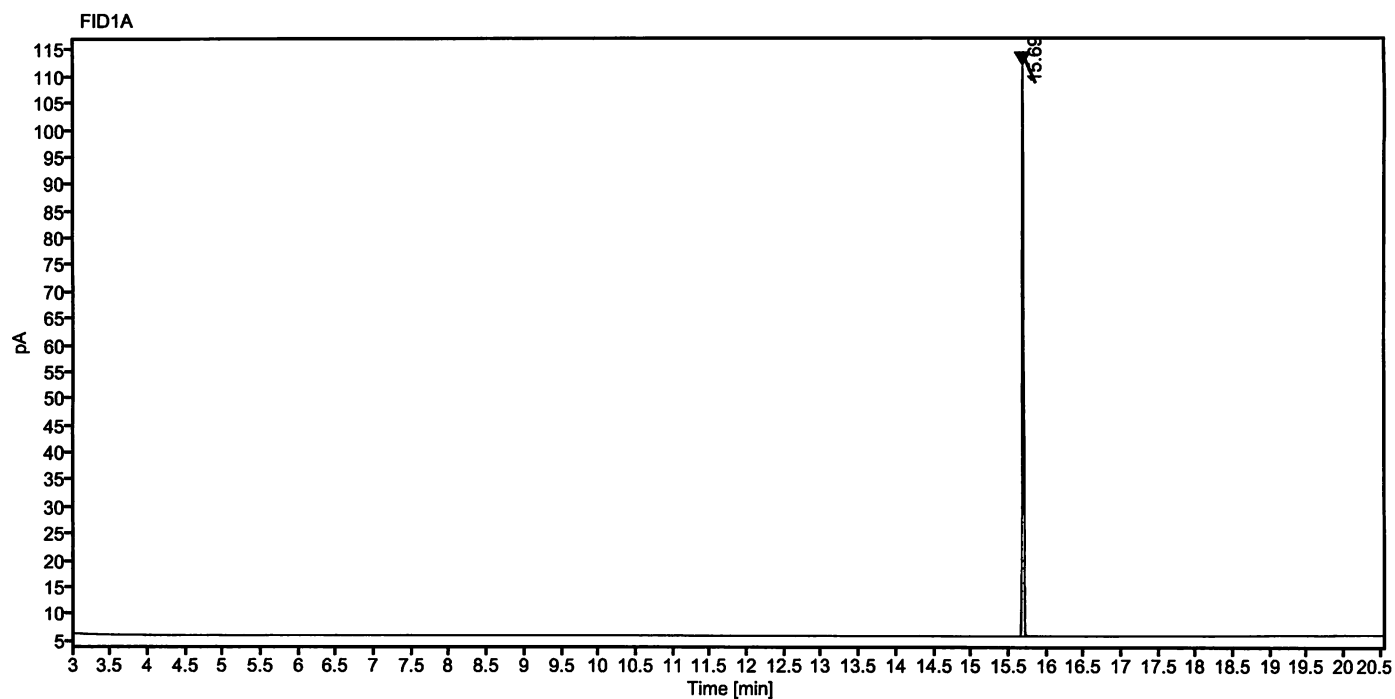
The Laboratory LGC Labor GmbH is accredited by DAkkS as indicated by the Accreditation Number D-RM-19883-01 & D-PL-19883-01 has shown competence based on ISO Guide 34:2009 with relevant parts of DIN EN ISO/IEC 17025:2005 for production of certified reference materials in form of organic pure substances 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.

14.09.18
SSj

Data file: 12670100-19-r001.dx
Sample name: 80829AL 833505
Inj. volume [µl]: 1.0
Acq. method: PESK.amx
Sample Description Dimethachlor-deschloro

Instrument: FID 2
Sequence Name: 2018KW37-0913a
Injection date: 9/14/2018 12:56:27 AM
Location: 22



Signal: FID1A

Nr.	RT [min]	Area [pA*s]	Height [pA]	Area%	Width [min]
1	15.69	145.67412	106.05	100.00	0.022
	Sum	145.67			

Bar