

Certificate of Analysis

**EHRENSTORFER™**

Product Identification

10300600 Arylpyrazol

CA Propanamide, 2-chloro-N-[1-[2,6-dichloro-4-(difluoromethyl)phenyl]-4-nitro-1H-pyrazol-5-yl]-

IUPAC 2-chloro-N-[1-(2,6-dichloro-4-difluoromethylphenyl)-4-nitro-1H-pyrazol-5-yl]-

Formula C₁₃H₉Cl₃F₂N₄O₃

Mol.Weight 413.6

CAS No. 121750-17-2

Expiry Date 23.10.2024

Lot Number 978729

Store at 20 °C ±4 °C

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

Toxicological Data



R Code 23/24/25-36/38-43

S Code 22-25-36-46

LD50 (Rats female/male in mg/kg) 50-200

Physical Data

Phase crystalline solid

Vapour pressure NA at °C

Color colourless

Melt.Range 116.2 °C

Boiling Range (lit.)

Analytical Data

Detection: UHPLC/DAD

Column: LUNA Omega C18 1.6 µm 100 x 2.1 mm

Inj.-Vol.: 2.00 µl

Flow: 0.5 ml/min

Ret.-Time: 6.20 min.

Method Details:

Eluent A: WA + 0.5% H₃PO₄

Eluent B: Acetonitrile

Time/min	A	B
0	90%	10%
0.3	90%	10%
8	0%	100%
9.5	0%	100%
10	90%	10%

Identity: UV, RT, MS, EA, NMR, IR

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

Water Content 0.2 % Determined by Karl-Fischer Titration

Det. Purity 97.3 % 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 $U_c(y) \cdot K$, 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.

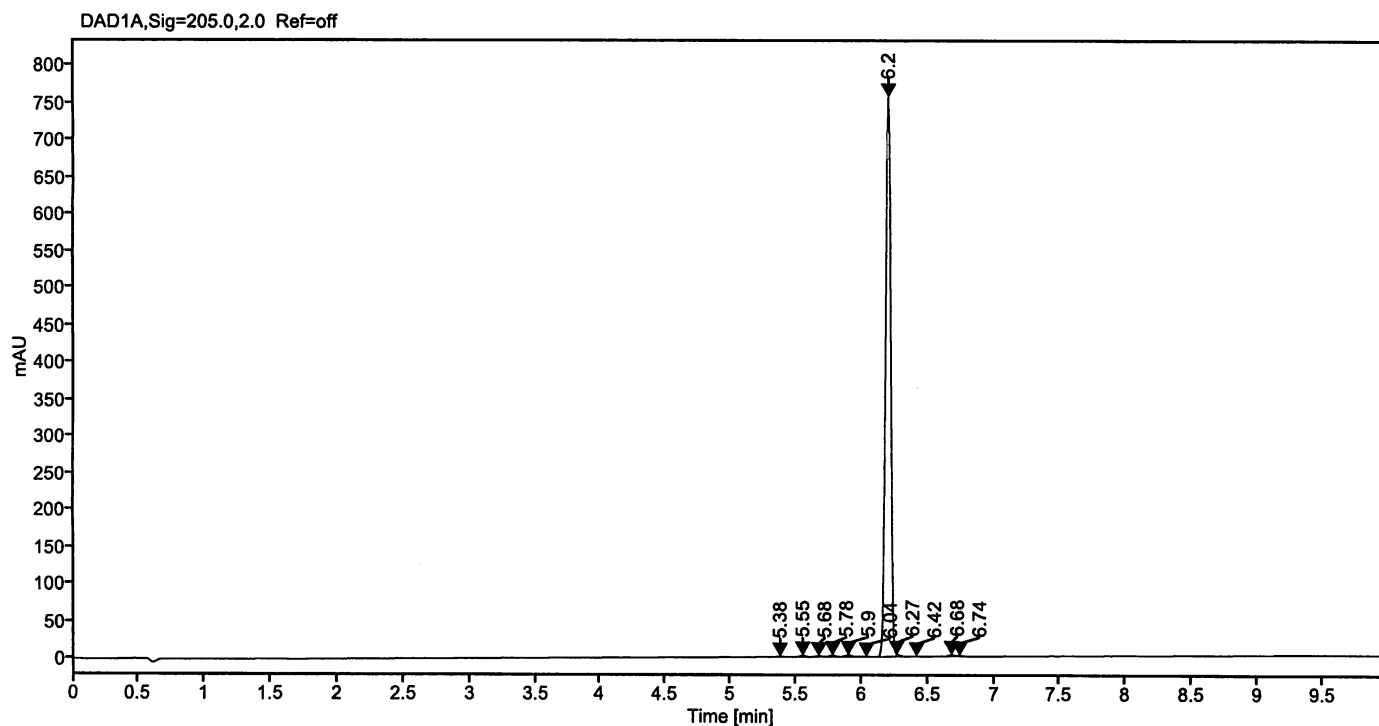
Certified on 23.10.2018

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.

Data file: 10300600-17-r001.dx Instrument: UHPLC 2
 Sample name: 80906AL 978729 Sequence Name: 06092018-1
 Inj. volume [µl]: 2.0 Injection date: 9/6/2018 8:09:09 PM
 Acq. method: Gradient_10-100_P.amx Location: P1-B7
 Sample Description Arylpyrazol



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

Nr.	RT [min]	Area	Height	Area%
1	5.38	2.07562	0.60	0.10
2	5.55	5.73984	2.12	0.27
3	5.68	4.45124	1.32	0.21
4	5.78	6.28277	2.27	0.30
5	5.90	9.07905	2.49	0.43
6	6.04	1.49629	0.26	0.07
7	6.20	2070.57222	754.38	97.74
8	6.27	5.98643	2.97	0.28
9	6.42	1.81894	0.53	0.09
10	6.68	7.19600	2.59	0.34
11	6.74	3.79309	1.36	0.18
	Sum	2118.49		

ABed