

Certificate of Analysis

**EHRENSTORFER™**

Product Identification

13924000 4-Formylaminoantipyrine

CA Formamide, N-(2,3-dihydro-1,5-dimethyl-3-oxo-2-phenyl-1H-pyrazol-4-yl)

IUPAC

Formula C₁₂H₁₃N₃O₂

Mol.Weight 231.25

CAS No. 1672-58-8

Expiry Date 03.09.2020

Lot Number 979951

Store at 4 °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

Boiling Range (lit.)

Analytical Data

Identity: IR, MS, NMR

Comment For method information see chromatogram.

Water Content Determined by Karl-Fischer Titration

Det. Purity 99.9 % 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 03.09.2018

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.

Column:

Luna C18(2)
5 µm, 250 x 4.6 mm

Conditions:

1.0 ml/min, 40 °C
mob. Phase A: 936 ml 6g/l NaH₂PO₄; NEt₃ pH 7+
364 ml Methanol
mob. Phase B: Methanol

Detector:

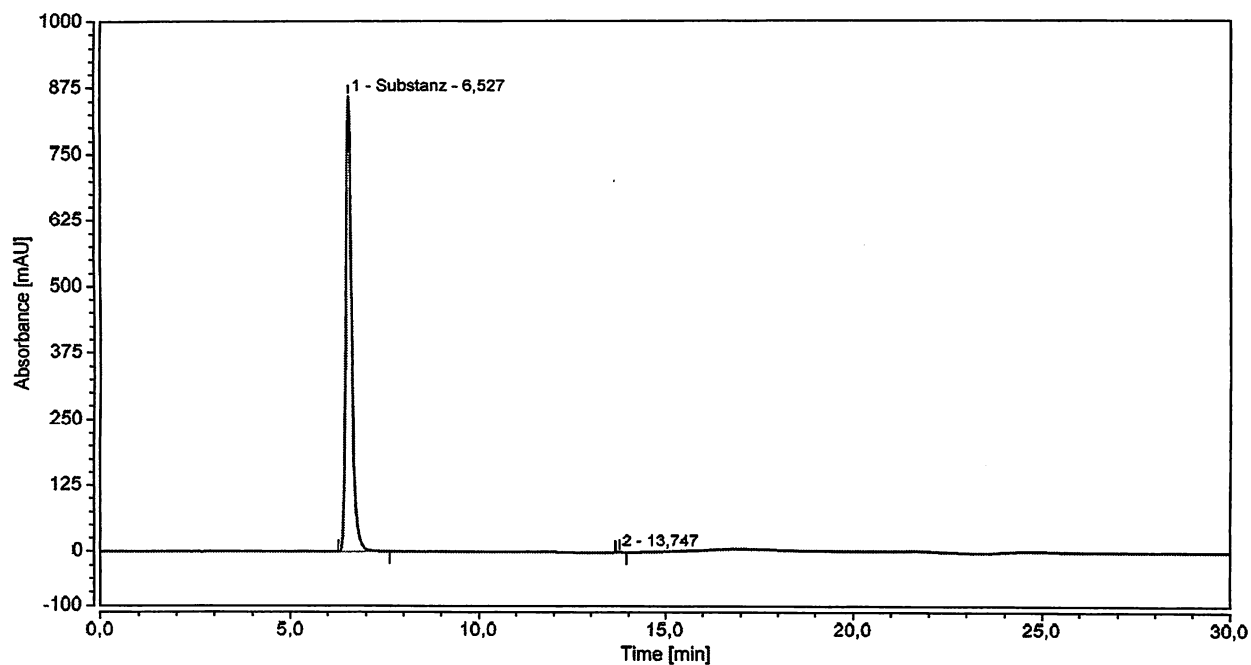
DAD
254 nm

Injector:

Auto
5 µl; 0.15 mg/ml in
Water

Be

0-8 min	A/B	100/0
8-13 min	A/B	to 50/50
13-18 min	A/B	50/50
18-21 min	A/B	to 100/0
21-30 min	A/B	100/0 (v/v)

*Be*