

Certificate of Analysis

**EHRENSTORFER™**

Product Identification

12632010 2,6-Difluorobenzoic acid

CA 2,6-Difluorobenzoic acid

IUPAC 2,6-Difluorobenzoic acid

Formula F2C6H3CO2H

Mol.Weight 158.10

CAS No. 385-00-2

Expiry Date 26.05.2023

Lot Number 170788

Store at 20 °C ±4 °C

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

Toxicological Data



R Code 36/37/38

S Code 22-25

LD50 (Rats female/male in mg/kg) N/A

Physical Data

Phase crystalline solid

Color colourless

Melt.Range 158,3 °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: 1.23 min.

Method Details:

Acetonitrile:H2O+0,5% H3PO4 4:1

Identity: UV, RT, MS

Comment

Water Content 0.0 % Determined by Karl-Fischer Titration

Det. Purity 99.5 % 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 $Uc(y) \cdot K$, 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 31.01.2018

by N. Müller

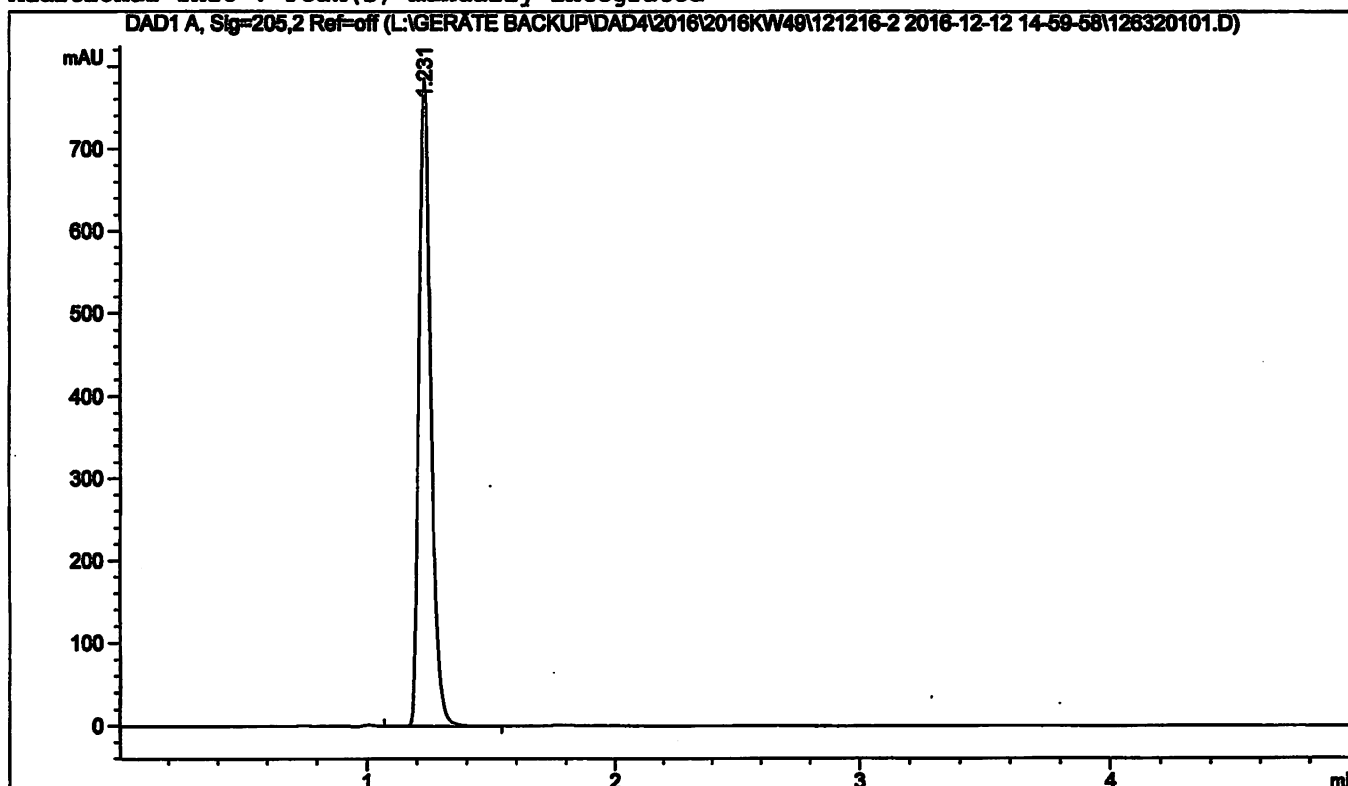
The Laboratory LGC Labor GmbH is accredited by DAkkS as indicated by the Accreditation Number D-RM-19883-01 & D-PL-19883-01 has shown competence based on ISO Guide 34:2009 with relevant parts of DIN EN ISO/IEC 17025:2005 for production of certified reference materials in form of organic pure substances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

Acq. Operator : SYSTEM Seq. Line : 3
Acq. Instrument : LCMS Location : 57
Injection Date : 12.12.2016 15:13:23 Inj : 1
Inj Volume : 10.000 µl
Acq. Method : C:\Chem32\1\Data\2016KW49\121216-2 2016-12-12 14-59-58\41PK.M
Last changed : 12.12.2016 14:59:59 by SYSTEM
Analysis Method : L:\GERÄTE BACKUP\DAD4\METHODS\41PK.M
Last changed : 25.07.2016 11:47:22 by SYSTEM
Method Info : Acetonitrile : Water + H3PO4 4:1

Sample Info : 2,6-Difluorobenzoic acid

Additional Info : Peak(s) manually integrated



Area Percent Report

Sorted By : Retention Time
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=205,2 Ref=off

Peak #	RetTime [min]	Sig	Type	Area [mAU*s]	Height [mAU]	Area %
1	1.231	1	BV	2613.34717	789.88538	100.0000

Totals : 2613.34717 789.88538

*** End of Report ***