

Certificate of Analysis

Dr. Ehrenstorfer



Product Identification

10760000 1-Bromopropanol-2
CA 1-Brom-2-hydroxypropane
IUPAC 1-Brom-2-hydroxypropane
Formula C₃H₇BrO
Mol.Weight 139.0
CAS No. 19686-73-8

Reference Materials for Residue Analysis

Expiry Date 29.04.2015
Lot Number 90320
Store at 4 °C ±4 °C

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

Toxicological Data



R Code 10-34-20/21/22

S Code 16-26-27-38-36/37/39

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

Physical Data

Phase liquid
Color yellowish
Melt.Range
Vapour pressure N/A at °C
Solubility in water N/A g/l at °C
Boiling Range (lit.)

Analytical Data

Detection: GC/ECD
Column: DB-5, 30 m, ID 0.25 mm
Inj.-Vol.: 0,50 µl
Flow: 1,0 ml/min
Ret.-Time: 5,96 min.

Method Details:
Injector: 200°C
Start Temperature: 40° C for 6 min
End Temperature: 200° C for 4.33 min
Gradient: 15° C/min

Identity: RT
Comment Purity was determined by external standard method.

Water Content 4,4 % Determined by Karl-Fischer Titration
Det. Purity 76,5 % 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 $Uc(y) \cdot K$, 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 29.04.2009

by Fr. Vlcek



REG.NO: 2074-01

The Laboratory Labor Dr. Ehrenstorfer-Schäfers is accredited by DGA as indicated by the Accreditation Certificate DGA-PL-4536.00 based on DIN EN ISO/IEC 17025:2005 for the weighing of amounts of substances for the preparation of standard solutions.

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



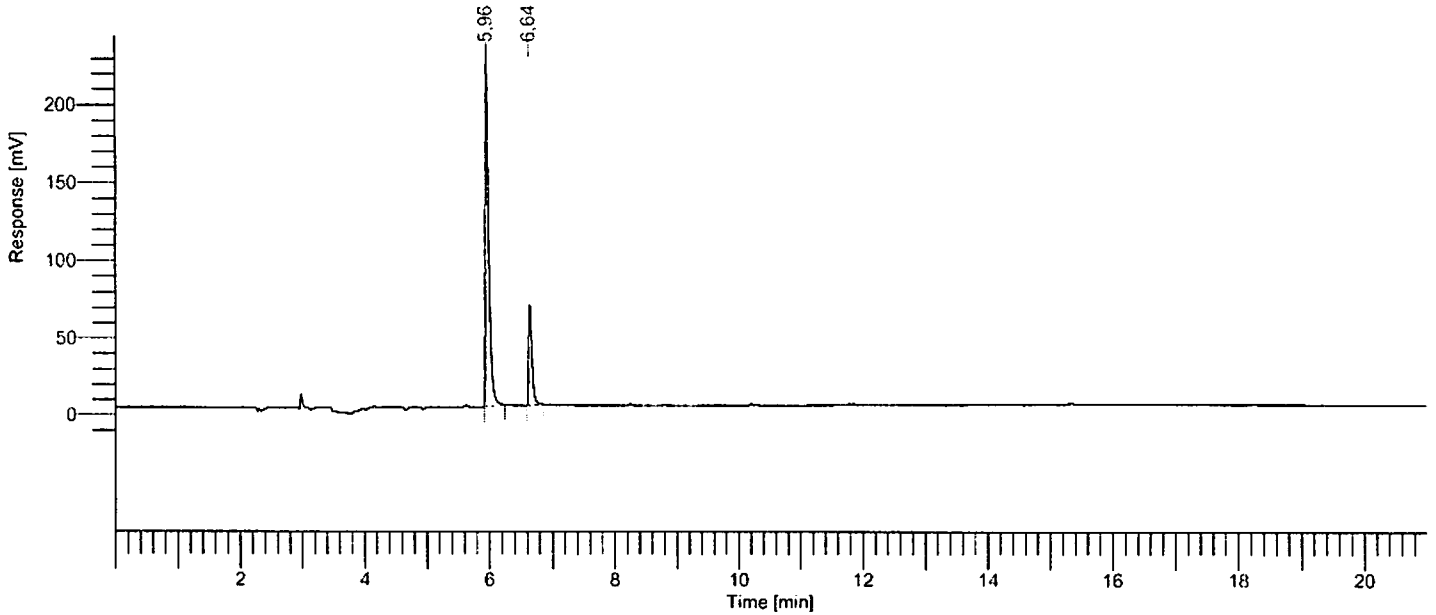
DGA-PL-4536.00

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Software Version : 6.3.1.0504
 Sample Name : 1-Bromopropanol-2, 100ng, 200
 Instrument Name : PE-ECD
 Rack/Vial : 0/2
 Sample Amount : 1,000000
 Cycle : 1

Date : 29.04.2009 08:33:37
 Data Acquisition Time : 28.04.2009 15:19:27
 Channel : A
 Operator : Ehrenstorfer
 Dilution Factor : 1,000000

Result File : D:\TC-Daten\Daten\2009\04\10760000_90320_90320IO-002-20090428-154034.rst
 Sequence File : D:\TC-Daten\Sequenzen\90428.seq



Labor Dr. Ehrenstorfer-Schäfers

Peak #	Time [min]	Area [uV*sec]	Height [uV]	Area [%]	BL
1	5,964	830357,88	225618,91	78,14	BB
2	6,645	232305,10	65190,83	21,86	BB
		1062662,98	290809,74	100,00	

Operator:

Approved by: