

Certificate of Analysis

Dr. Ehrenstorfer



Reference Materials for Residue Analysis

Product Identification

10736200 2-Bromophenol

CA 2-Bromophenol

IUPAC 2-Bromophenol

Formula C₆H₅BrO

Mol.Weight 173.01

CAS No. 95-56-7

Expiry Date 31.01.2019

Lot Number 50112

Store at 20 °C ±4 °C

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

Toxicological Data



R Code 10-22-36/37/38

S Code 16-26-36/37/39

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

Physical Data

Phase liquid

Vapour pressure N/A at °C

Color grey-yellow to brown

Solubility in water N/A g/l at °C

Melt.Range

Boiling Range (lit.)

Analytical Data

Detection: HPLC/DAD

Method Details:

Column: ReproSil 100 C18 5µ 250x3

Acetonitrile:H₂O+0,5% H₃PO₄ 1:1

Inj.-Vol.: 10.00 µl

Flow: 1.0 ml/min

Ret.-Time: 2.97 min.

Identity: UV, RT

Comment Purity was confirmed by external standard method

Water Content 0.0 % Determined by Karl-Fischer Titration

Det. Purity 99.8 % 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 $Uc(y)*K$, 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 20.01.2015

by P. Feuerriegel

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.

Sample Name: 50114ME 50112

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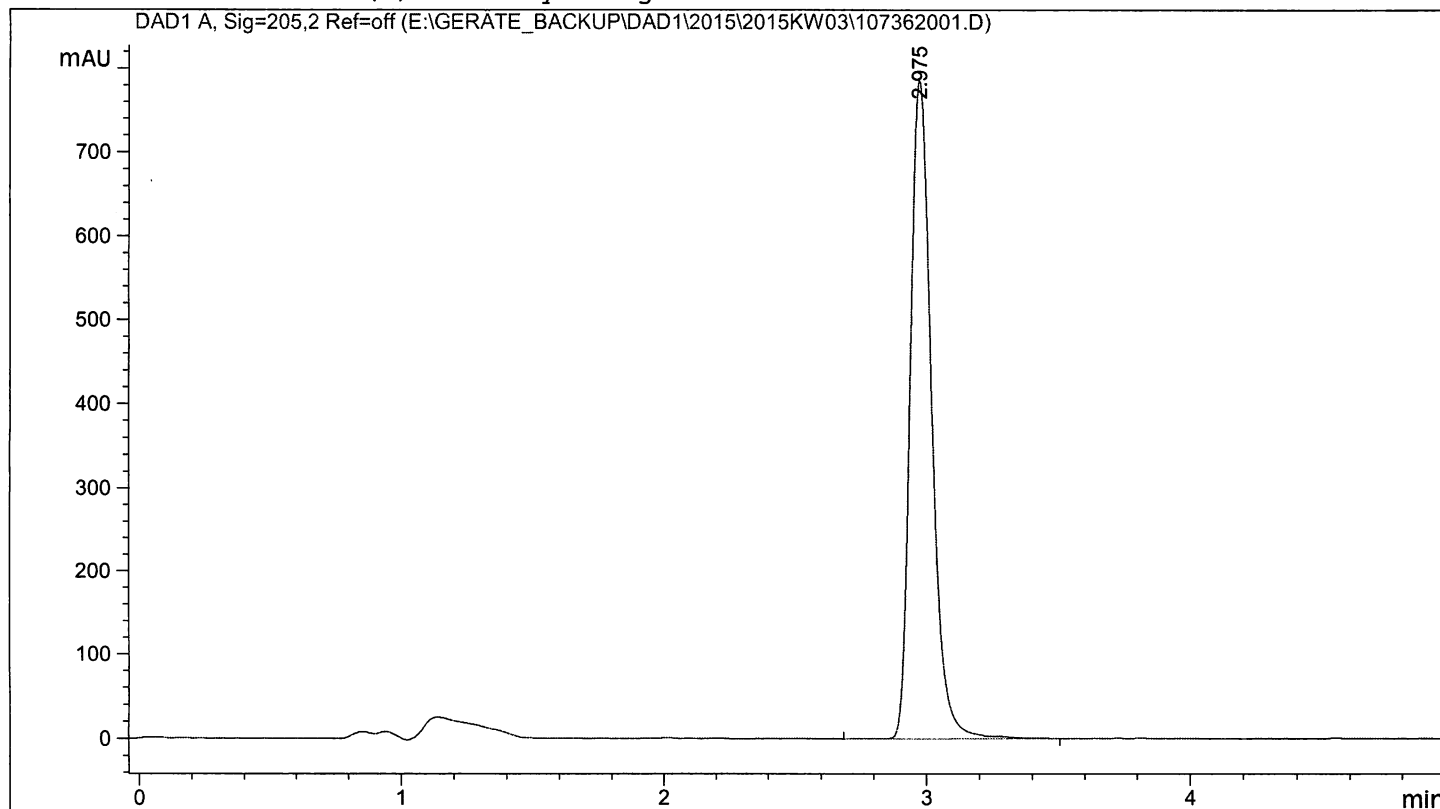
=====
Acq. Operator   : DAD1_Admin           Seq. Line : 240
Acq. Instrument : Instrument 1         Location  : Vial 59
Injection Date  : 16.01.2015 10:38:06 Inj       : 1
                                           Inj Volume: 10.000 µl

Acq. Method     : D:\CHEM32\1\METHODS\11PK.M
Last changed    : 13.11.2014 09:33:47 by DAD1_Admin
Analysis Method : E:\GERÄTE_BACKUP\DAD1\METHODS\11PK.M
Last changed    : 30.03.2012 13:56:29
Method Info     : Acetonitrile : Water + 0.5 % H3PO4 1:1

Sample Info     : 2-Bromophenol

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Additional Info : Peak(s) manually integrated



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

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

Peak #	RetTime [min]	Sig	Type	Area [mAU*s]	Height [mAU]	Area %
1	2.975	1	BV	4384.86572	788.99066	100.0000
Totals :				4384.86572	788.99066	

*** End of Report ***