

Certificate of Analysis

Dr. Ehrenstorfer




Product Identification

10736200 2-Bromophenol
CA 2-Bromophenol
IUPAC 2-Bromophenol
Formula C₆H₅BrO
Mol.Weight 173.01
CAS No. 95-56-7

Reference Materials for Residue Analysis

Expiry Date 13.12.2017
Lot Number 20419
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 Color grey-yellow to brown Melt.Range Vapour pressure NA at °C Solubility in water NA g/l at °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:	Method Details: Acetonitrile:H ₂ O+0,5% H ₃ PO ₄ 1:1
Identity: UV, RT Comment purity was confirmed by external standard method	
Water Content 0,6 % Determined by Karl-Fischer Titration Det. Purity 99,0 % Tolerance/Uncertainty +/- 0,5 % <p>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.</p>	

Certified on 13.12.2012
by P. Feuerriegel



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.



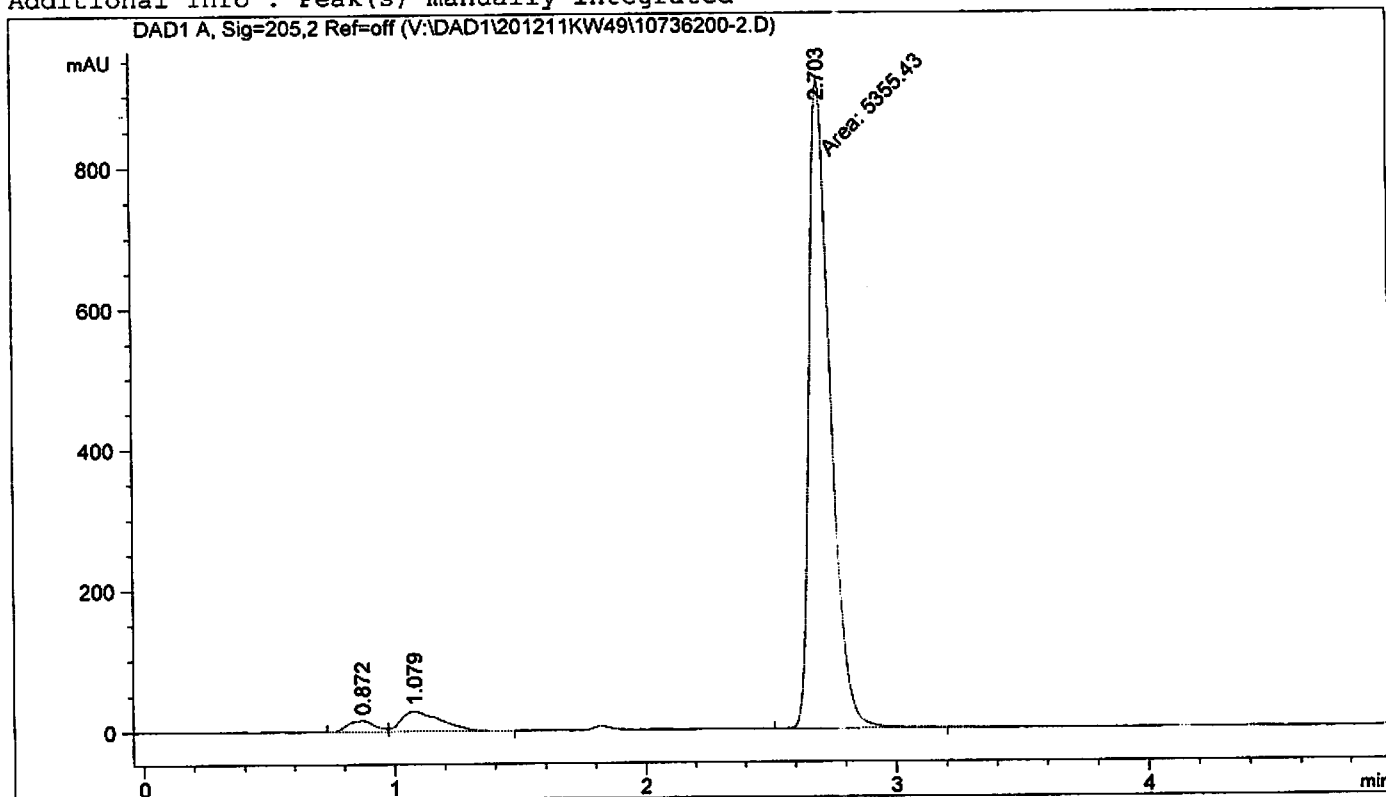
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Acq. Operator : DAD1	Seq. Line : 73
Acq. Instrument : DAD1	Location : Vial 40
Injection Date : 05.12.2012 03:26:32	Inj : 1
	Inj Volume : 10.000 µl

Acq. Method : D:\CHEM32\1\METHODS\11PK.M
Last changed : 30.03.2012 13:56:29
Analysis Method : V:\DAD1\METHODS\11PK.M
Last changed : 06.12.2012 12:40:00 by DAD3
(modified after loading)
Method Info : Acetonitrile : Water + 0.5 % H3PO4 1:1
Sample Info : 2-Bromophenol

Handwritten: Koller
05.12.12

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

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

Peak #	RetTime [min]	Sig	Type	Area [mAU*s]	Height [mAU]	Area %
1	0.872	1	BV	118.29552	15.49406	2.0468
2	1.079	1	VB	305.69235	28.33599	5.2893
3	2.703	1	MF	5355.43066	920.66797	92.6638

Totals : 5779.41854 964.49802

*** End of Report ***