

Certificate of Analysis

Dr. Ehrenstorfer




Reference Materials for Residue Analysis

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

Expiry Date 30.07.2018
Lot Number 41029
Store at 4 °C ±4 °C

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

Toxicological Data	Physical 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	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.: 0.20 µl Flow: 1.0 ml/min Ret.-Time: 7.22 min.	Method Details: Injector: 200° C Start Temperature: 40° C for 5 min End Temperature: 200° C for 9.33 min Gradient: 15° C/min
Identity: MS, RT Comment: Technical product, rest 2-Bromo-1-propanol. Purity was determined by external standard method. no chromatogram available	
Water Content 0.8 % Det. Purity 76.9 %	Determined by Karl-Fischer Titration 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 U _{c(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 14.11.2014
by P. Feuerriegel

The Laboratory LGC Labor GmbH is accredited by DAkkS as indicated by the Accreditation Number D-RM-14174-01 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.

LGC Labor GmbH · Bgm.-Schlosser-Str. 6 A · 86199 Augsburg · Germany
Phone +49 821 906080 · Fax +49 821 9060888 · augsburg.inquiry@lgc-group.com
The warranty for this product is limited to the purchasing price of this product.