

Certificate of Analysis

Dr. Ehrenstorfer



Product Identification

10735600 1-Bromo-2-nitrobenzene
CA 1-bromo-2-nitrobenzene
ILFAC 1-bromo-2-nitrobenzene
Formula $C_6H_4BrNO_2$
Mol. Weight 202.01
CAS No. 577-19-5

Reference Materials for Residue Analysis

Expiry Date 21.06.2017
Lot Number 10621
Store at $20\text{ }^\circ\text{C} \pm 4\text{ }^\circ\text{C}$

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

Toxicological Data		Physical Data	
		Phase crystalline solid	Vapour pressure NA at $^\circ\text{C}$
		Color yellowish	Solubility in water NA g/l at $^\circ\text{C}$
		Melt. Range $43,1\text{ }^\circ\text{C}$	Boiling Range (lit.)
RCODE 22-63			
SCODE 60-61			
LD50 (Rats female/male in mg/kg) NA			
Analytical Data			
Detection: GOMSD	Method Details:		
Column: DB-5, 60 m ID 0.25 mm	Injector: $280\text{ }^\circ\text{C}$		
Inj.-Vol.: $1,00\text{ }\mu\text{l}$	Start Temperature: $60\text{ }^\circ\text{C}$ for 5 min		
Flow: $1,0\text{ ml/min}$	End Temperature: $280\text{ }^\circ\text{C}$ for 1 min		
Ret.-Time: $12,53\text{ min.}$	Gradient: $15\text{ }^\circ\text{C/min}$		
Identity: RT, MS			
Comment			
Water Content $0,0\%$	Determined by Karl-Fischer Titration		
Det. Purity $99,0\%$	Tolerance/Uncertainty $\pm 0,5\%$		
The uncertainty/tolerance of this standard is calculated in accordance with the EURACHEM/EMCTAC 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 $U(y) \cdot K$, 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 18.01.2012

by L. Müller *L. Müller*



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.



File :D:\2011\10735500, 10621-1.D
Operator : JV
Acquired : 20 Sep 2011 13:33 using AcqMethod PESK.M
Instrument : Instrument #1
Sample Name: 1-Bromo-2-nitrobenzene, pesk
Misc Info :
Vial Number: 26

22.09.11
Wetzel

