

Certificate of Analysis

Dr. Ehrenstorfer




Product Identification

11420000 3-Chloro-4-methoxyaniline
CA Benzenamine,3-chloro-4-methoxy-
IUPAC 3-Chloro-4-methoxyaniline
Formula C7H8ClNO
Mol.Weight 157.60
CAS No. 5345-54-0

Reference Materials for Residue Analysis

Expiry Date 27.11.2021
Lot Number 51012
Store at 4 °C ±4 °C

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

Toxicological Data	Physical Data
 R Code 22 S Code 22-24/25 LD50 (Rats female/male in mg/kg) 550	Phase crystalline solid Vapour pressure N/A at °C Color dark-brown to black Solubility in water N/A g/l at °C Melt.Range Boiling Range (lit.)
Analytical Data Detection: LC/MSD Column: ReproSil 100 C18 5µ 250x3 Inj.-Vol.: 10.00 µl Flow: 0.5 ml/min Ret.-Time: 2.83 min.	Method Details: Acetonitrile:H2O+0,15% Formic acid 4:1
Identity: RT, UV, MS Comment Purity was confirmed by external standard method.	
Water Content 0.1 % Determined by Karl-Fischer Titration Det. Purity 98.0 % Tolerance/Uncertainty +/- 1.0 % 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 $Uc(y)*K$, 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 27.11.2015
by N. Müller

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.

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

