

Certificate of Analysis

**EHRENSTORFER™**

Product Identification

11415200 3-Chloro-4-fluoroaniline

CA 3-Chloro-4-fluoroaniline

IUPAC

Formula C₆H₅ClFN

Mol.Weight 145.57




CAS No. 367-21-5

Expiry Date 14.11.2024

Lot Number 832669

Store at 20 °C ±4 °C

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

Toxicological Data    R Code 23/24/25-36/37/38 S Code 45-26-22-36/37/39 LD50 (Rats female/male in mg/kg) N/A	Physical Data Phase crystalline solid Color grey-yellow to brown Melt.Range 45,1 °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: 1.38 min. Method Details: Acetonitrile:H ₂ O+0,5% H ₃ PO ₄ 4:1	
Identity: UV, NMR, RT, EA Comment Purity was determined by elemental analysis. No chromatogram available.	
Water Content Determined by Karl-Fischer Titration Det. Purity 99.2 % 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 14.11.2018

by M. Beck

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.