

Certificate of Analysis

Dr. Ehrenstorfer



Product Identification

15650000 Norflurazon

CA 3(2H)-Pyridazinone, 4-chloro-5-(methylamino)-2-[3-(trifluoromethyl)phenyl]-

IUPAC 4-Chloro-5-methylamino-2-(alpha,alpha,alpha-trifluoro-m-tolyl)pyridazin-3(2H)-one

Formula C₁₂H₉CIF₃N₃O

Mol.Weight 303.67

CAS No. 27314-13-2

Reference Materials for Residue Analysis

Expiry Date 29.12.2018

Lot Number 41229

Store at 20 °C ±4 °C

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

Toxicological Data	Physical Data
 R Code 50 S Code 61 LD50 (Rats female/male in mg/kg) >8000	Phase crystalline solid Color colourless Melt.Range 177.9 °C Vapour pressure 0.0028 mPa at 20 °C Solubility in water 0.028 g/l at 25 °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: 1,56 min.	Method Details: Acetonitrile:H2O 4:1
Identity: UV, RT Comment Purity was confirmed by external standard method.	
Water Content 0,0 % Determined by Karl-Fischer Titration Det. Purity 94,5 % 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 $U_c(y) \cdot K$, 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 04.09.2015

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.

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The warranty for this product is limited to the purchasing price of this product.

