

Certificate of Analysis






Product Identification

10012500 2-Acetamido-5-nitrothiazole
CA Acetamide, N-(5-nitro-2-thiazoly)-
IUPAC N-(5-Nitro-2-thiazoly)acetamide
Formula C5H5N3O3S
Mol.Weight 187.18
CAS No. 140-40-9

Expiry Date 17.08.2022
Lot Number 174636
Store at 20 °C ±4 °C

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

Toxicological Data		Physical Data	
			
R Code			
S Code			
LD50 (Rats female/male in mg/kg) >400			
Analytical Data		Method Details:	
Detection: HPLC/DAD		Acetonitrile:H2O+0,5% H3PO4 4:1	
Column: ReproSil 100 C18 5µ 250x3			
Inj.-Vol.: 10.00 µl			
Flow: 1.0 ml/min			
Ret.-Time: 1.24 min.			
Identity: RT, MS, UV, EA, NMR			
Comment Purity was determined by elemental analysis. No chromatogram available.			
Water Content 0.0 %	Determined by Karl-Fischer Titration		
Det. Purity 99.5 %	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 $U_c(y) \cdot K$, 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 17.08.2018
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.