

Certificate of Analysis

**EHRENSTORFER™**

Product Identification

10016400 Acetic acid-2-pentyl ester

CA Acetic acid-2-pentyl ester

IUPAC Acetic acid-2-pentyl ester

Formula C₇H₁₄O₂

Mol.Weight 130.19



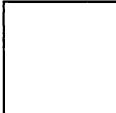
CAS No. 626-38-0

Expiry Date 27.07.2023

Lot Number 974557

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)	N/A		
Analytical Data		Physical Data	
Detection: GC/MSD		Phase	liquid
Column: DB-5, 30 m, ID 0.25 mm		Color	colourless
Inj.-Vol.: 1.00 µl		Melt.Range	
Flow: 1.0 ml/min		Vapour pressure	N/A at °C
Ret.-Time: 8.06 min.		Solubility in water	N/A g/l at °C
		Boiling Range	(lit.)
Method Details:			
Injector: 200° C			
Start Temperature: 40° C for 5 min			
End Temperature: 200° C for 9.33 min			
Gradient: 15° C/min			
Identity: MS, RT, EA, NMR			
Comment: Purity was determined by elemental analysis.			
No chromatogram available.			
Water Content	Determined by Karl-Fischer Titration		
Det. Purity 99.7 %	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 20.06.2018

by D. Schmid



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.