

Gravimetric Certificate

**EHRENSTORFER™**

Product Identification

17000200 Sulfathiazole
Formula C₉H₉N₃O₂S₂
Mol.Weight 255.32
CAS No. 72-14-0

Expiry Date 22.01.2023
Lot Number 991209AL
Store at 20°C in the dark

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

Gravimetric Data				
Product Name		Conc. (mg/l)	Purity %	Weight (mg)
Sulfathiazole		100.000	99.2	8.065
Solvent Information				
Solvent	Lot No.	Exact Quantity (ml)		
Acetonitrile	170670811	80.00		
Traceability Data				
17000200 175434	neat product			
17000200 991209AL	100.000 mg/l			
Analytical Data				
Detection: HPLC/DAD		Method Details:		
Column:		Acetonitrile:H2O+0,5% H3PO4 4:1		
Inj.-Vol.:				
Flow :	1.0 ml/min			
Ret.-Time:	2.07 min.			
Identity check RT, UV				
Comment	Property value was determined by gravimetric measurements and confirmed by peak area comparison.			
	Column: Zorbax NH2, 5 µm, 150 x 4.6 mm			
	Inj.-Vol.: 5 µl			
The uncertainty/tolerance of this standard is +/- 3.0 %, 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 22.01.2019

by D. Schmid

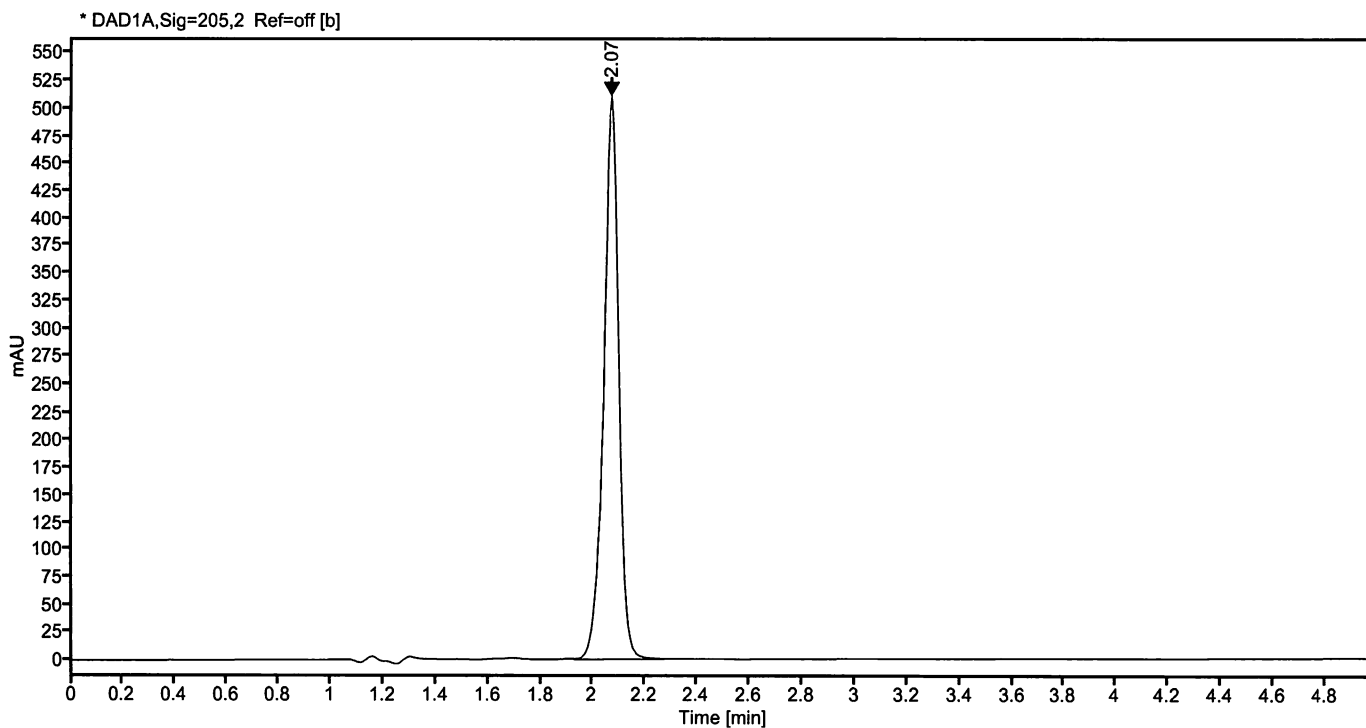
The Laboratory LGC Labor GmbH is accredited by DAkkS as indicated by the Accreditation Number D-RM-19883-01 & D-PL-19883-01 has shown competence based on ISO Guide 34:2009 with relevant parts of DIN EN ISO/IEC 17025:2005 for production of certified reference materials in form of organic pure substances 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.

20190518

Data file: 17000200-05-r001.dx Instrument: DAD5
Sample name: 991209AL Sequence Name: 18012019-Zorbax-1
Inj. volume [µl]: 5.0 Injection date: 1/18/2019 2:03:02 PM
Acq. method: S3_41PK.amx Location: D3B-B3

Sample Description Sulfathiazole
Column: Zorbax NH2, 5 µm, 150 x 4.6 mm



Signal: * DAD1A,Sig=205,2 Ref=off [b]

Nr.	RT [min]	Area	Height	Area%
1	2.07	2028.56252	510.32	100.00
	Sum	2028.56		

Schmid D.