

Gravimetric Certificate

**EHRENSTORFER™**

Product Identification

14610100 Lenacil (cyclohexyl D4)

Formula C13H14N2O2D4

Mol.Weight 238.29

CAS No. .

Expiry Date 22.01.2024

Lot Number 998618AL

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)
Lenacil (cyclohexyl D4)		100.000	95.5	5.241
Solvent Information				
Solvent		Lot No.	Exact Quantity (ml)	
Acetonitrile		170670811	50.00	
Traceability Data				
14610100 112679		neat product		
14610100 998618AL		100.000 mg/l		
Analytical Data				
Detection: HPLC/DAD		Method Details:		
Column: ReproSil 100 C18 5µ 250x3		Acetonitrile:H2O+0,5% H3PO4 4:1		
Inj.-Vol.: 10.00 µl				
Flow: 1.0 ml/min				
Ret.-Time: 1.48 min.				
Identity check RT, UV				
Comment		Chemical Purity: 96.5 %		
		Isotopic Value: 99.0 %.		
		Property value was determined by gravimetric measurements and confirmed by peak area comparison.		
The uncertainty/tolerance of this standard is +/- 5.0 %, 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 w hich is Uc(y)*K, w here K is the coverage factor at the 95% confidence level (K=2). The expanded uncertainty is based on the combination of uncertainties associated w ith 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.

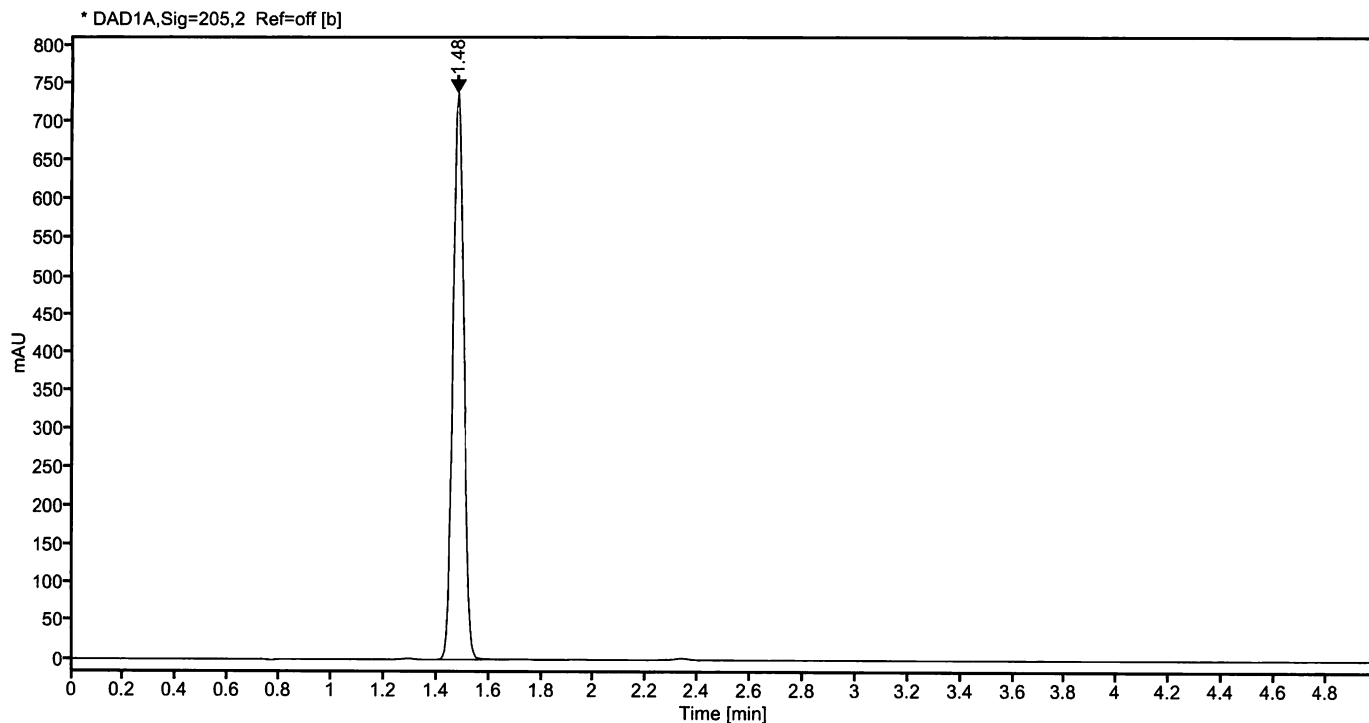
LGC Labor GmbH · Bgm.-Schlosser-Str. 6 A · 86199 Augsburg · Germany
Phone +49 821 906080 · Fax +49 821 9060888 · augsburg.inquiry@lgcgroup.com
The warranty for this product is limited to the purchasing price of this product.

21.01.2019

Data file: 14610100-26-r001.dx
Sample name: 998618AL
Inj. volume [µl]: 10.0
Acq. method: S1_41PK.amx

Instrument: DAD5
Sequence Name: 18012019-1
Injection date: 1/18/2019 6:46:35 PM
Location: D3B-B7

Sample Description Lenacil (cyclohexyl D4)



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

Nr.	RT [min]	Area	Height	Area%
1	1.48	2178.20910	737.83	100.00
	Sum	2178.21		

Schmid D.