

Gravimetric Certificate

**EHRENSTORFER™**

Product Identification

14532110 (±)-Ketoprofen D3 (propionic D3 acid)
Formula C16H11O3D3
Mol.Weight 257.30
CAS No. 159490-55-8

Expiry Date 13.07.2021
Lot Number 173221AL
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)
(±)-Ketoprofen D3 (propionic D3 acid)	100.000	97.0	4.123
Solvent Information			
Solvent	Lot No.	Exact Quantity (ml)	
Acetonitrile	170570438	40.00	
Traceability Data			
14532110 50109	neat product		
14532110 173221AL	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.:			
Flow: 1.0 ml/min			
Ret.-Time: 1.57 min.			
Identity check RT, UV			
Comment	Chemical Purity: 98.5 % Isotopic Value: 98.5 % Property value was determined by gravimetric measurements and confirmed by peak area comparison. Inj.-Vol.: 5 µl		
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 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 13.07.2018

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.

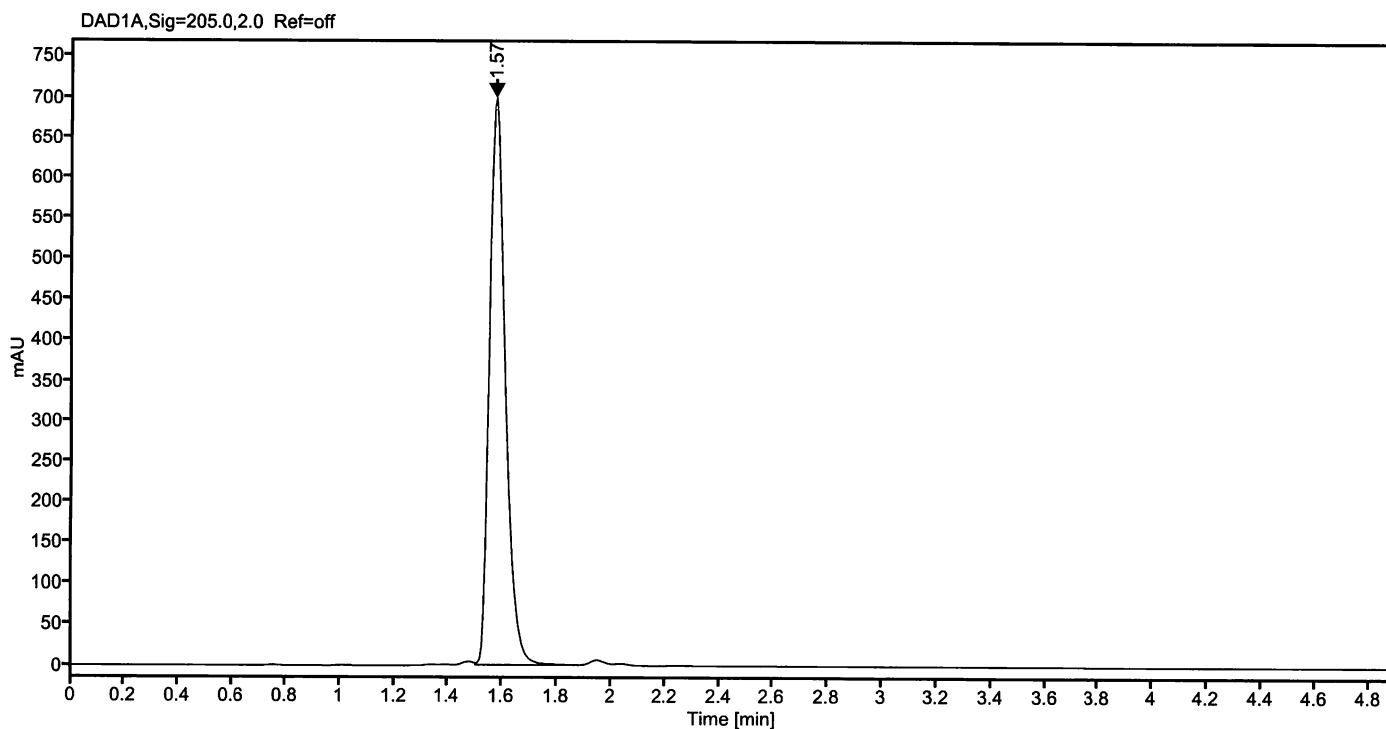
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The warranty for this product is limited to the purchasing price of this product.

Data file: 14532110-06-r001.dx
Sample name: 173221AL
Inj. volume [µl]: 5.0
Acq. method: 41PK.amx

Instrument: DAD4
Sequence Name: 13062018-3
Injection date: 6/13/2018 12:51:42 PM
Location: 49

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Sample Description (±)-Ketoprofen D3 (propionic D3 acid)



Signal: DAD1A,Sig=205.0,2.0 Ref=off

Nr.	RT [min]	Area	Height	Area%
1	1.57	2821.14026	699.83	100.00
	Sum	2821.14		

Schmid D.