

Gravimetric Certificate

**EHRENSTORFER™**

Product Identification

13050000 DNOC
Formula C₇H₆N₂O₅
Mol.Weight 198.1
CAS No. 534-52-1

Expiry Date 27.08.2021

Lot Number 855476AL

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)
DNOC		10.000	98.5	3.249
Solvent Information				
Solvent	Lot No.	Exact Quantity (ml)		
Acetonitrile	170570453	320.00		
Traceability Data				
13050000 31128	neat product			
13050000 855476AL	10.000 mg/l			
Analytical Data				
Detection: HPLC/DAD	Method Details:			
Column: ReproSil 100 C18 5µ 250x3	Acetonitrile:H ₂ O+0,5% H ₃ PO ₄ 2:1			
Inj.-Vol.: 10.00 µl				
Flow: 1.0 ml/min				
Ret.-Time: 2.35 min.				
Identity check UV, RT				
Comment	Property value was determined by gravimetric measurements and confirmed by peak area comparison.			
The uncertainty/tolerance of this standard is +/- 2.0 %, 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 U _c (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 27.08.2018

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.

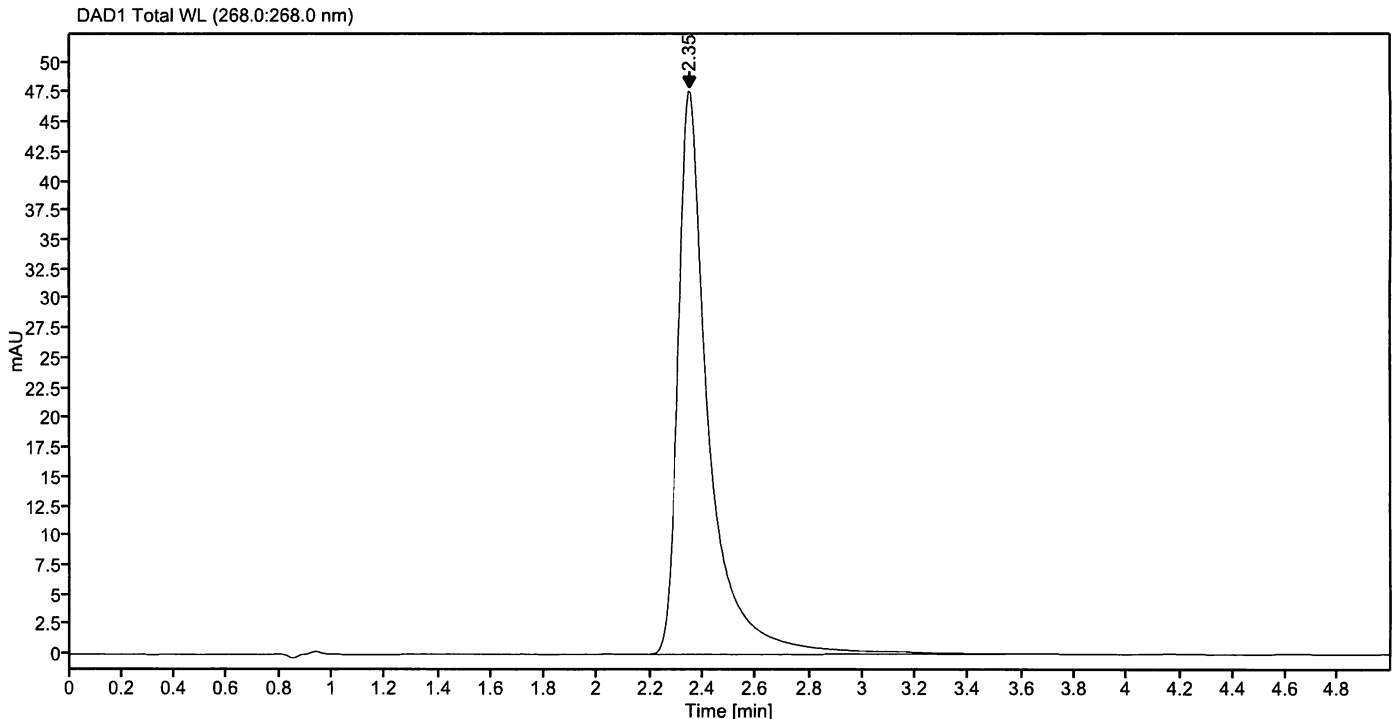
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The warranty for this product is limited to the purchasing price of this product.

27.08.2018, X

Data file: 13050000-20-r001.dx
Sample name: 855476AL
Inj. volume [µl]: 10.0
Acq. method: S1_21PK.amx

Instrument: DAD5
Sequence Name: 20072018-1
Injection date: 7/22/2018 1:25:26 PM
Location: P4-C2

Sample Description DNOC



Signal: DAD1 Total WL (268.0:268.0 nm)

Nr.	RT [min]	Area	Height	Area%
1	2.35	383.50940	47.71	100.00
	Sum	383.51		

Schmid D.