

Gravimetric Certificate

**EHRENSTORFER™**

Product Identification

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

Expiry Date 31.08.2023
Lot Number 855505ME
Store at 20°C in the dark

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

Gravimetric Data			
Product Name DNOC	Conc. (mg/l) 100.000	Purity % 99.6	Weight (mg) 8.036
Solvent Information			
Solvent Methanol	Lot No. 171145426	Exact Quantity (ml) 80.00	
Traceability Data			
13050000 31128	neat product		
13050000 855505ME	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: 1.67 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 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 31.08.2018

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.

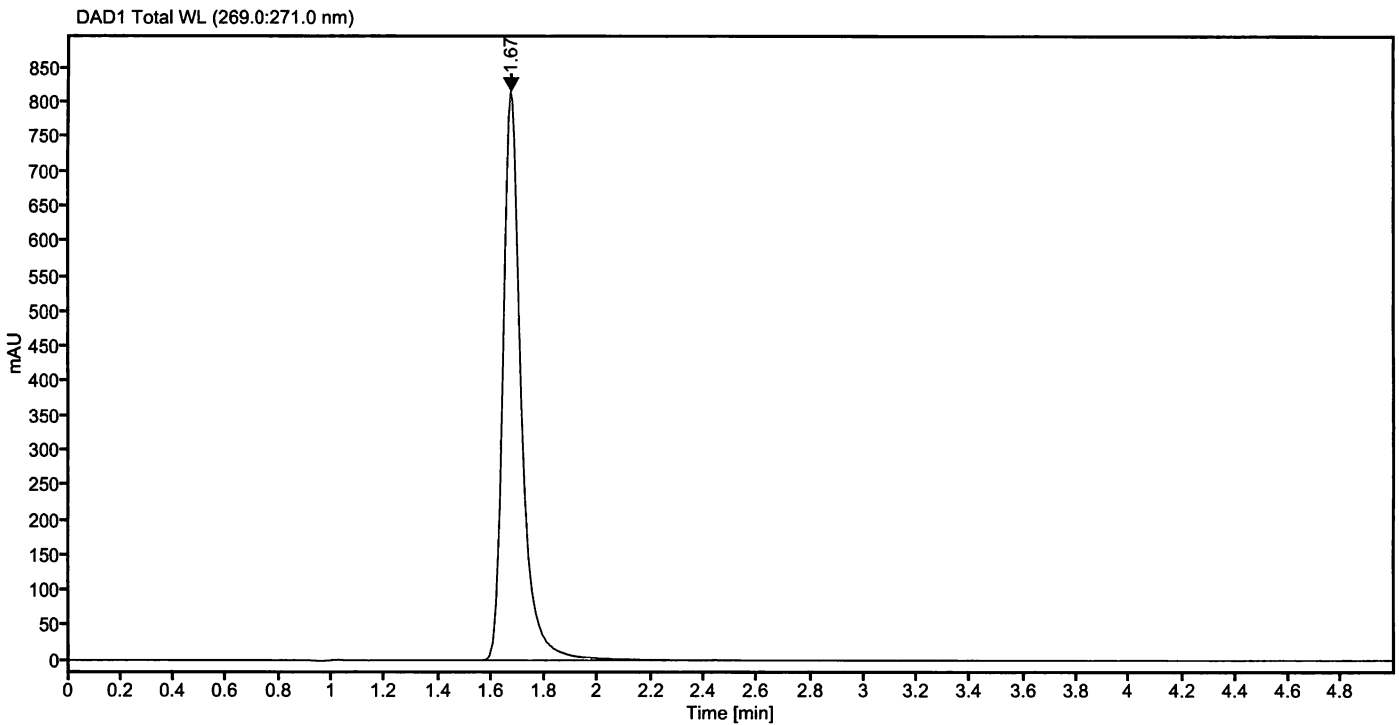
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The warranty for this product is limited to the purchasing price of this product.

21050001

Data file: 13050000-17-r001.dx
Sample name: 855505ME
Inj. volume [µl]: 10.0
Acq. method: S1_41PK.amx

Instrument: DAD5
Sequence Name: 30082018-1
Injection date: 8/31/2018 12:56:05 AM
Location: P3-A8

Sample Description DNOC



Signal: DAD1 Total WL (269.0:271.0 nm)

Nr.	RT [min]	Area	Height	Area%
1	1.67	3829.56789	817.09	100.00
	Sum	3829.57		

Schmid D.