

# Gravimetric Certificate

**EHRENSTORFER™****Product Identification**

15604010 N-Nitroso-dimethylamine D6

Formula C<sub>2</sub>D<sub>6</sub>N<sub>2</sub>O

Mol.Weight 80.12

CAS No. 17829-05-9

Expiry Date 11.01.2021

Lot Number 997195ME

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)
N-Nitroso-dimethylamine D6		1000.000	99.2	70.562
Solvent Information				
Solvent		Lot No.	Exact Quantity (ml)	
Methanol		V8F518048G2	70.00	
Traceability Data				
15604010 995119		neat product		
15604010 997195ME		1000.000 mg/l		
Analytical Data				
Detection: GC/FID		Method Details:		
Column: DB-5, 30 m, ID 0.25 mm		Injector: 200° C		
Inj.-Vol.: 1.00 µl		Start Temperature: 40° C for 5 min		
Flow: 1.0 ml/min		End Temperature: 200° C for 16 min		
Ret.-Time: 5.87 min.		Gradient: 15° C/min		
Identity check RT				
Comment		Chemical purity 99.5 %		
		Isotopic Value: 99.7 %		
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 11.01.2019

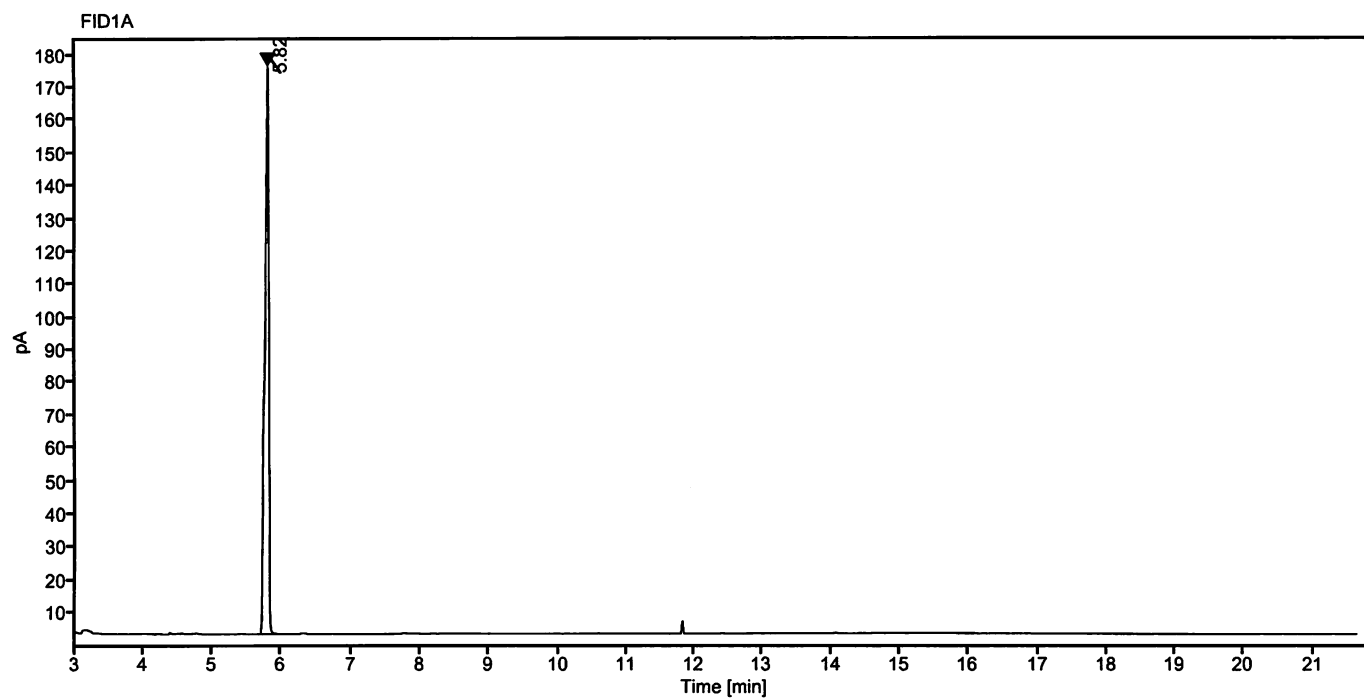
by M. Beck

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](mailto:augsburg.inquiry@lgcgroup.com)  
The warranty for this product is limited to the purchasing price of this product.

<b>Data file:</b>	15604010-02-r002.dx	<b>Instrument:</b>	FID 4
<b>Sample name:</b>	997195ME	<b>Sequence Name:</b>	2019KW02-0110a
<b>Inj. volume [µl]:</b>	1.0	<b>Injection date:</b>	1/10/2019 12:08:51 PM
<b>Acq. method:</b>	200.amx	<b>Location:</b>	141

**Sample Description**      N-Nitroso-dimethylamine D6



**Signal:**      FID1A

Nr.	RT [min]	Area [pA*s]	Height [pA]	Area%	Width [min]
1	5.82	650.97129	172.90	100.00	0.351
	Sum	650.97			

*g.B.*