

Gravimetric Certificate



Product Identification

15602500 N-Nitroso-di-n-butylamine
Formula C₈H₁₈N₂O
Mol.Weight 158.24
CAS No. 924-16-3

Expiry Date 23.08.2022
Lot Number 834115ME
Store at 20°C in the dark

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

Gravimetric Data		Conc. (mg/l)	Purity %	Weight (mg)
Product Name		1000.000	99.4	50.299
N-Nitroso-di-n-butylamine				
Solvent Information		Lot No.	Exact Quantity (ml)	
Solvent		171145421	50.00	
Methanol				
Traceability Data				
15602500 132028	neat product			
15602500 834115ME	1000.000 mg/l			
Analytical Data				
Detection: GC/FID		Method Details:		
Column: DB-5, 30 m, ID 0.25 mm		Injector: 280° C		
Inj.-Vol.: 1.00 µl		Start Temperature: 60° C for 5 min		
Flow: 1.0 ml/min		End Temperature: 280° C for 1 min		
Ret.-Time: 12.28 min.		Gradient: 15° C/min		
Identity check RT				
Comment				
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 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 23.08.2018

by M. Beck

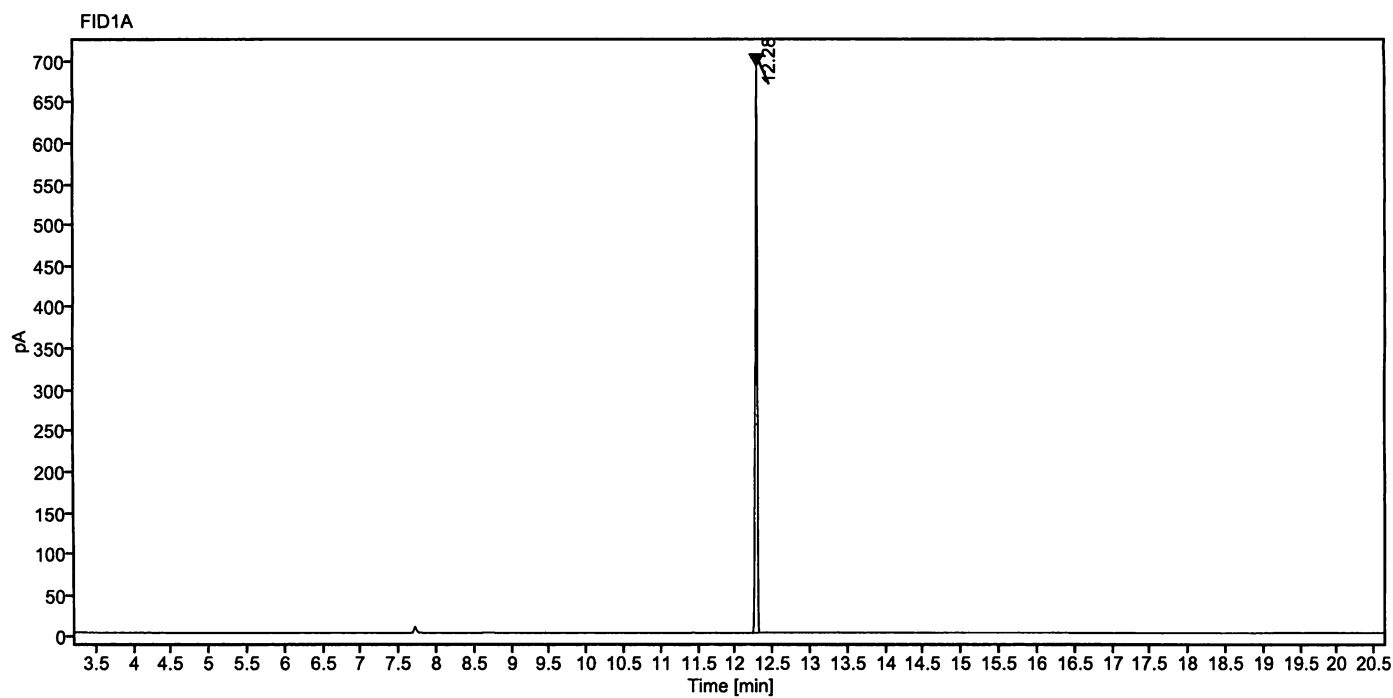
The Laboratory LGC Labor GmbH is accredited by DAkkS as indicated by the Accreditation Number D-RM-19883-01 & D-PL-19883-01 has shown competence based on ISO Guide 34:2009 with relevant parts of DIN EN ISO/IEC 17025:2005 for production of certified reference materials in form of organic pure substances and in form of single and multi-component solutions organic pure substances.

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

SS

Data file: 15602500-02-r001.dx Instrument: FID 2
Sample name: 834115ME Sequence Name: 2018KW30-0723-a
Inj. volume [µl]: 1.0 Injection date: 7/23/2018 3:36:29 PM
Acq. method: pesk.amx Location: 79

Sample Description N-Nitroso-di-n-butylamine



Signal: FID1A

Nr.	RT [min]	Area [pA*s]	Height [pA]	Area%	Width [min]
1	12.28	1191.91283	686.91	100.00	0.026
	Sum	1191.91			