

Gravimetric Certificate



Product Identification

10204950 2-Amino-3-methyl-3H-imidazo(4,5-f)quinoline
Formula C11H10N4
Mol.Weight 198.23
CAS No. 76180-96-6

Expiry Date 09.01.2023
Lot Number 167128AL
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)
2-Amino-3-methyl-3H-imidazo(4,5-f)quinoline		10.000	98.0	3.265
Solvent Information				
Solvent	Lot No.	Exact Quantity (ml)		
Acetonitrile	117887152	320.00		
Traceability Data				
10204950 30422	neat product			
10204950 167128AL	10.000 mg/l			
Analytical Data				
Detection: GC/FID		Method Details:		
Column: DB-5, 30 m, ID 0.25 mm		Injector: 280° C		
Inj.-Vol.: 4.00 µl		Start Temperature: 60° C for 5 min		
Flow: 1.0 ml/min		End Temperature: 280° C for 6 min		
Ret.-Time: 43.68 min.		Gradient: 5° C/min		
Identity check UV, RT				
Comment				
The uncertainty/tolerance of this standard is +/- 3.0 %, 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 $Uc(y) \cdot K$, 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.				

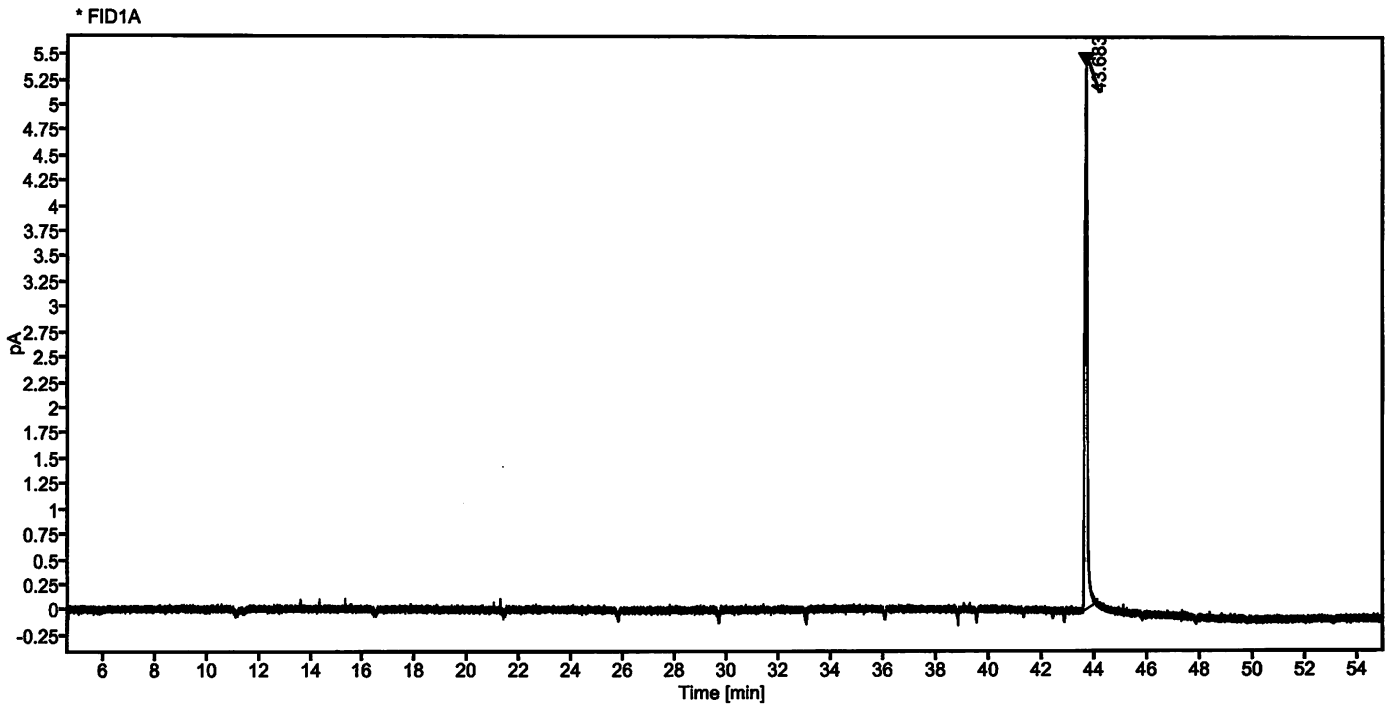
Certified on 09.01.2018
by N. Müller

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: 10204950-53.dx Instrument: FID 3
Sample name: 167128AL Sequence Name: 2018KW01-5a
Inj. volume [µl]: 4.0 Injection date: 1/6/2018 10:29:33 PM
Acq. method: pes_4.amx Location: 43

Sample Description 2-Amino-3-methyl-3H-imidazo(4,5-f)quinoline



Signal: * FID1A

Nr.	RT [min]	Area [pA*s]	Height [pA]	Area%	Width [min]	S/N
1	43.68	34.75991	5.39	100.00	0.077	50.2
	Sum	34.76				