

# Certificate of Analysis


**EHRENSTORFER™**

## Product Identification

15711700 Octylamine  
CA n-Octylamine  
IUPAC 1-Aminooctane  
Formula C<sub>8</sub>H<sub>19</sub>N  
Mol.Weight 129.25  
CAS No. 111-86-4

Expiry Date 17.01.2023  
Lot Number 164658  
Store at 20 °C ±4 °C

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

<b>Toxicological Data</b>  R Code 05-22-34-50 S Code 25-36-45-61 LD50 (Rats female/male in mg/kg) N/A	<b>Physical Data</b> Phase liquid Color colourless Meit.Range Vapour pressure < 1mmHg at °C Solubility in water N/A g/l at °C Boiling Range (lit.)
<b>Analytical Data</b> Detection: GC/FID Column: DB-5, 30 m, ID 0.25 mm Inj.-Vol.: 2.00 µl Flow: 1.0 ml/min Ret.-Time: 11.37 min. Method Details: Injector: 200° C Start Temperature: 40° C for 5 min End Temperature: 200° C for 16 min Gradient: 15° C/min	
Identity: MS, RT, EA, NMR Comment	
Water Content 0.5 % Determined by Karl-Fischer Titration Det. Purity 98.9 % Tolerance/Uncertainty +/- 1.0 % The uncertainty/tolerance of this standard is 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 17.01.2018  
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.

LGC Labor GmbH · Bgm.-Schlosser-Str. 6 A · 86199 Augsburg · Germany  
Phone +49 821 906080 · Fax +49 821 9060888 · augsburg.inquiry@lgcgroup.com  
The warranty for this product is limited to the purchasing price of this product.

20180116

Data file: 15711700-07-r001.dx

Instrument: FID 3

Sample name: 80116AL 164658

Sequence Name: 2018KW03-2a

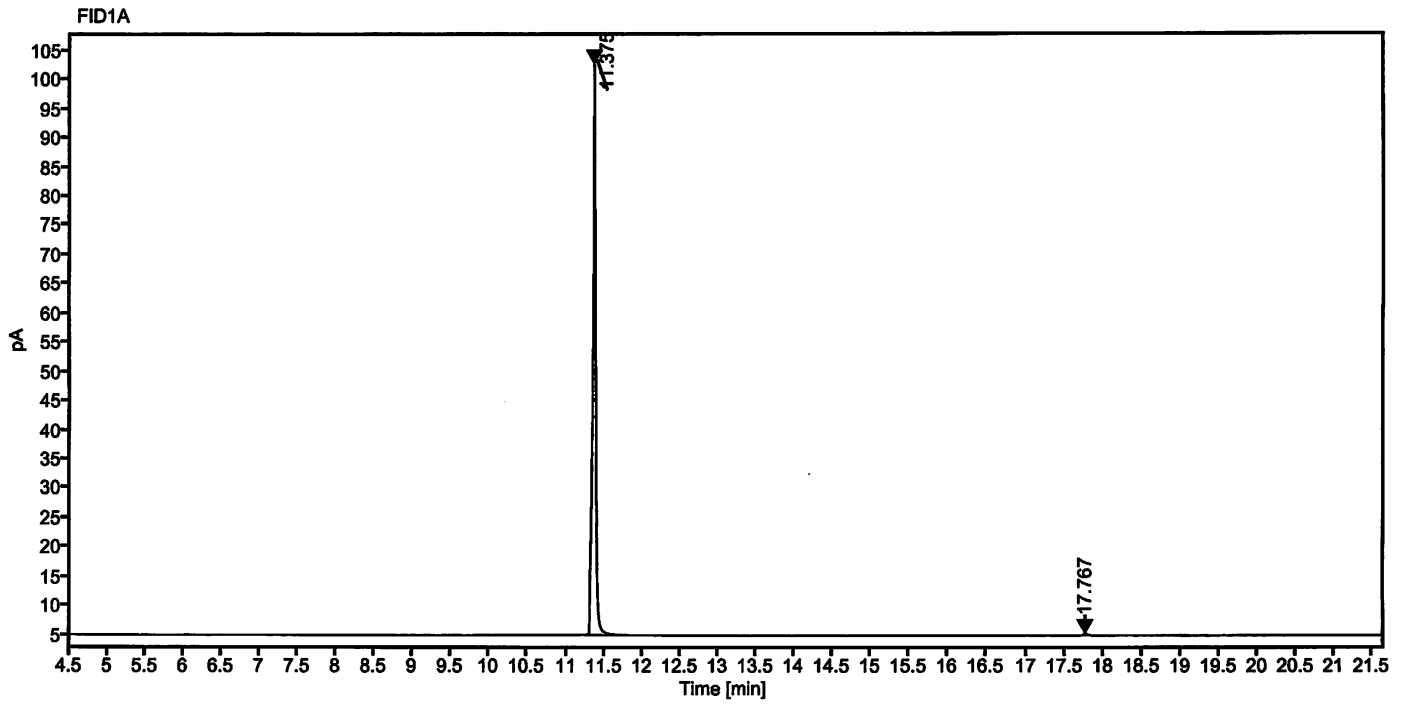
Inj. volume [µl]: 2.0

Injection date: 1/16/2018 5:51:51 PM

Acq. method: 200\_2.amx

Location: 13

Sample Description Octylamine



Signal: FID1A						
Nr.	RT [min]	Area [pA*s]	Height [pA]	Area%	Width [min]	S/N
1	11.37	252.95021	97.78	99.59	0.440	3940.4
2	17.77	1.05362	0.40	0.41	0.044	14.6
Sum		254.00				