

Certificate of Analysis

Dr. Ehrenstorfer



Product Identification

15083770 N-Methylaniline

CA N-Methylaniline

IUPAC N-Methylaniline

Formula C7H9N

Mol.Weight 107.2

CAS No. 100-61-8

Reference Materials for Residue Analysis

Expiry Date 10.04.2018

Lot Number 20411

Store at 20 °C ±4 °C

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

Toxicological Data



R Code 23/24/25-33-50/53

S Code 26-28-36-45-46-61

LD50 (Rats female/male in mg/kg) N/A

Physical Data

Phase liquid

Color amber

Melt. Range

Vapour pressure N/A at °C

Solubility in water 30 g/l at 20 °C

Boiling Range (lit.)

Analytical Data

Detection: HPLC/DAD

Column: ReproSil 100 C18 5µ 250x3

Inj.-Vol.: 10,00 µl

Flow: 1,0 ml/min

Ret.-Time: 1,35 min.

Method Details:

Acetonitrile:H2O+0,5% H3PO4 4:1

Identity: RT, UV

Comment Purity was confirmed by external standard method.

Water Content

Determined by Karl-Fischer Titration

Det. Purity 99,0 %

Tolerance/Uncertainty +/- 0,5 %

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 $U_c(y) \cdot K$, 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 07.05.2012

by L. Müller



REG. NO.: 2174-01

The Laboratory Labor Dr. Ehrenstorfer-Schäfers is accredited by DGA as indicated by the Accreditation Certificate DGA-PL-4536.00 based on DIN EN ISO/IEC 17025:2005 for the weighing of amounts of substances for the preparation of standard solutions.

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



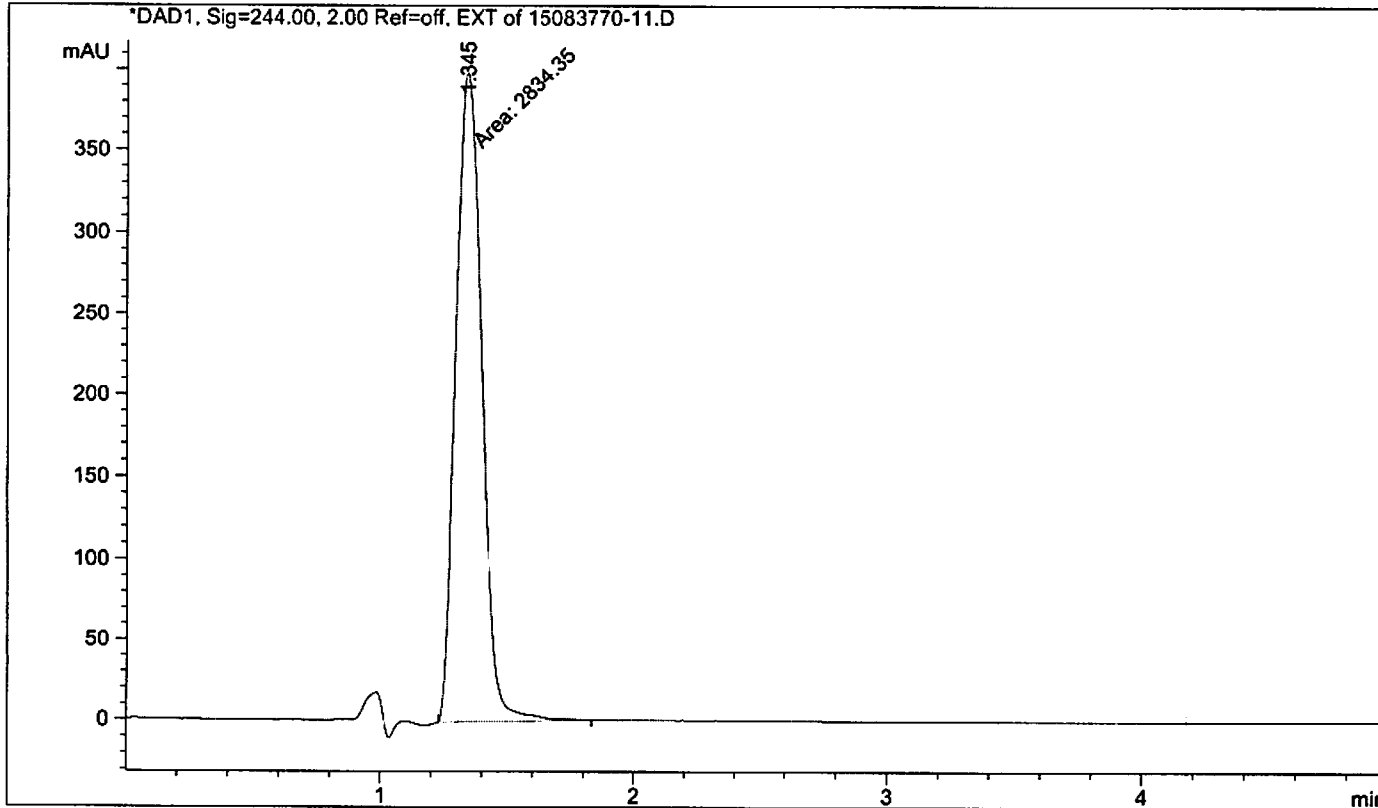
DGA-PL-4536.00

Sample Name: 20426ME 20411

4.5.12
C. Sep

N-Methylaniline

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=====
Injection Date   : 03.05.2012 20:55:46      Seq. Line :   36
Sample Name      : 20426ME 20411            Location  : Vial 28
Acq. Operator    :                          Inj       :    1
Acq. Instrument  : Instrument 1              Inj Volume : 10 µl
Method           : D:\CHEM32\1\METHODS\41PK.M
Last changed     : 02.05.2012 09:00:47
Acetonitrile     : Water + 0.5 % H3PO4 4:1+
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                          Area Percent Report
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Sorted By           :      Retention Time
Multiplier           :      1.0000
Dilution             :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: DAD1, Sig=244.00, 2.00 Ref=off, EXT
Signal has been modified after loading from rawdata file!

Peak #	RetTime [min]	Sig	Type	Area [mAU*s]	Height [mAU]	Area %
1	1.345	1	MM T	2834.34766	399.67703	100.0000

Totals : 2834.34766 399.67703

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*** End of Report ***
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