

Certificate of Analysis




EHRENSTORFER™

Product Identification

10046165 Adipic acid, diisodecyl ester
CA Hexanedioic acid, 1,6-diisodecyl ester
IUPAC
Formula C₂₆H₅₀O₄
Mol.Weight 426.3
CAS No. 27178-16-1

Expiry Date 09.11.2024
Lot Number 738097
Store at 20 °C ±4 °C

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

Toxicological Data	Physical Data
	Phase liquid Color colourless Melt.Range Boiling Range (lit.)
R Code S Code LD50 (Rats female/male in mg/kg)	

Analytical Data	Method Details:
Detection: GC/FID Column: DB-5, 30 m, ID 0.25 mm Inj.-Vol.: 1.00 µl Flow: 1.0 ml/min Ret.-Time:	Injector: 320° C Start Temperature: 120° C for 4 min End Temperature: 320° C for 3 min Gradient: 15° C/min

Identity: RT, NMR, EA, IR
Comment Purity was determined by chromatographic assay corrected by water and/or residue solvents.
Technical mixture.

Water Content 0.1 % Determined by Karl-Fischer Titration
Det. Purity 95.0 % Tolerance/Uncertainty +/- 5.0 %
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 $U_c(y) \cdot K$, 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 09.11.2018
by N. Müller



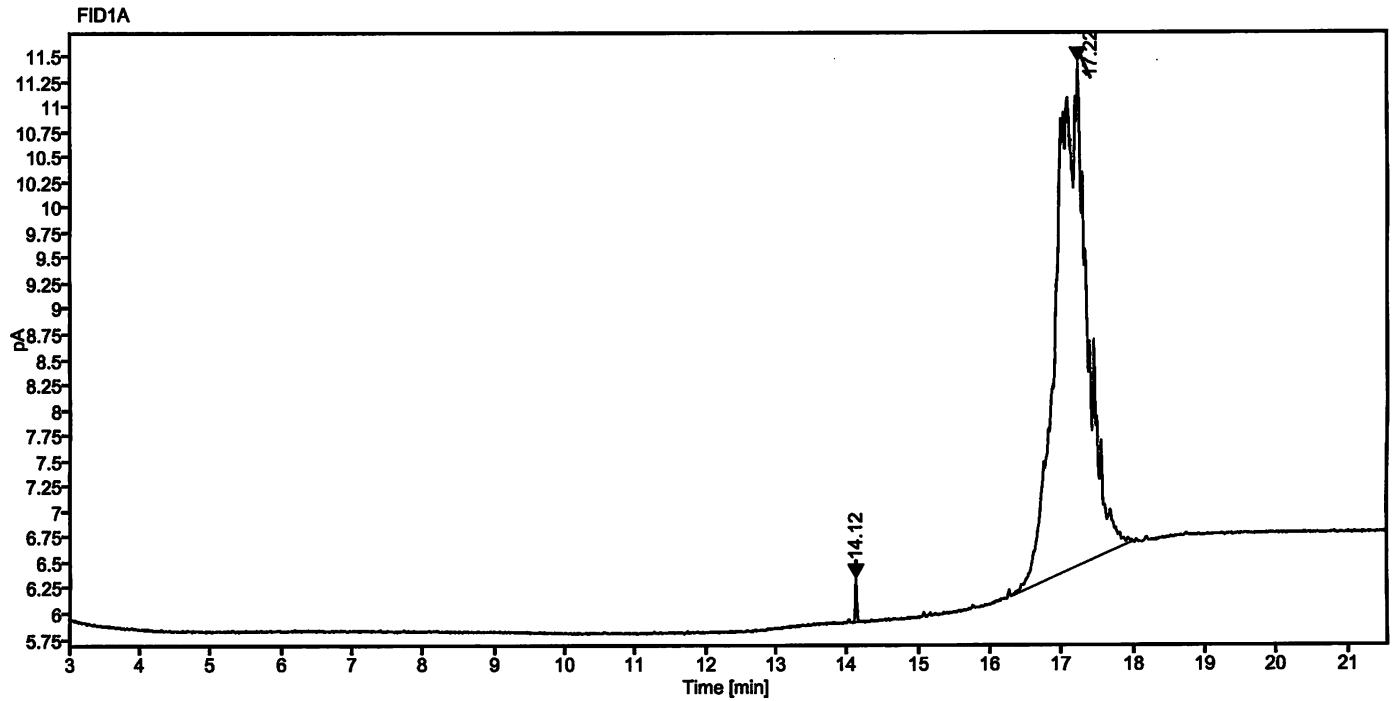
The Laboratory LGC Labor GmbH is accredited by DAkkS as indicated by the Accreditation Number D-RM-19883-01 & D-PL-19883-01 has shown competence based on ISO Guide 34:2009 with relevant parts of DIN EN ISO/IEC 17025:2005 for production of certified reference materials in form of organic pure substances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

02.08.18
SSJ

Data file: 10046165-14-r002.dx Instrument: FID 2
Sample name: 80730AL 738097 Sequence Name: 2018KW31-0731a
Inj. volume [µl]: 1.0 Injection date: 7/31/2018 11:41:39 PM
Acq. method: PAHK.amx Location: 23

Sample Description Adipic acid, diisodecyl ester



Signal:	FID1A				
Nr.	RT [min]	Area [pA*s]	Height [pA]	Area%	Width [min]
1	14.12	0.62070	0.43	0.41	0.023
2	17.22	151.04787	4.98	99.59	0.358
	Sum	151.67			

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