

Certificate of Analysis



Product Identification

15652005 19-Nortestosterone 17-decanoate
CA 17b-Hydroxy-4-estren-3-one 17-decanoate
IUPAC 4-Estren-17b-ol-3-one 17-decanoate
Formula C₂₈H₄₄O₃
Mol.Weight 428.7
CAS No. 360-70-3

Expiry Date 15.10.2024
Lot Number 834119
Store at 4 °C ±4 °C

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

Toxicological Data



R Code 40

S Code 22-36

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

Physical Data

Phase crystalline solid

Color colourless

Melt.Range

Vapour pressure N/A at °C

Solubility in water N/A g/l at °C

Boiling Range (lit.)

Analytical Data

Detection: HPLC/DAD

Column:

Inj.-Vol.: 10.00 µl

Flow: 1.0 ml/min

Ret.-Time: 23.27 min.

Method Details:

Eluent A: Acetonitrile:H₂O+0,5% H₃PO₄ 1:9 for 1 min

Eluent B: Acetonitrile 100% for 5 min

Eluent A -> Eluent B: 19 min

Identity: RT, UV, EA, NMR

Comment Column: Reprosil 100 C8, 3µm, 250*3mm

Water Content Determined by Karl-Fischer Titration

Det. Purity 92.4 % Tolerance/Uncertainty +/- 2.0 %

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 15.10.2018

by M. Beck

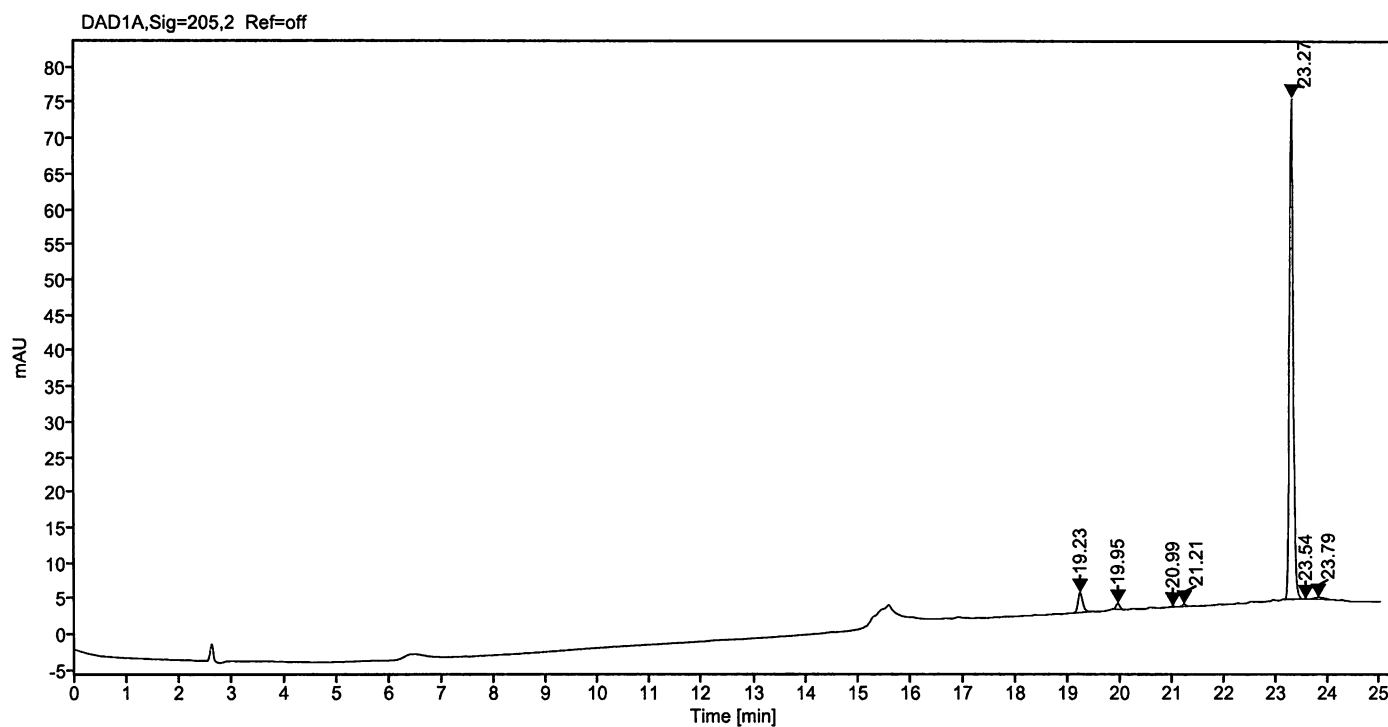
The Laboratory LGC Labor GmbH is accredited by DAkkS as indicated by the Accreditation Number D-RM-19883-01 & D-PL-19883-01 has shown competence based on ISO Guide 34:2009 with relevant parts of DIN EN ISO/IEC 17025:2005 for production of certified reference materials in form of organic pure substances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

12.10.2018 Lj

Data file: 15652005-05-r001.dx Instrument: DAD5
Sample name: 80927AL 834119 Sequence Name: 28092018-Nuc_C8
Inj. volume [µl]: 10.0 Injection date: 9/28/2018 5:43:06 PM
Acq. method: S5_Gradient_10-100_PK.amx Location: P4-A7

Sample Description 19-Nortestosterone 17-decanoate
Column: Nucleodur 100 C8, 3µm, 250x4mm



Signal: DAD1A,Sig=205,2 Ref=off

Nr.	RT [min]	Area	Height	Area%
1	19.23	18.08132	2.82	4.74
2	19.95	4.13498	0.82	1.08
3	20.99	0.83421	0.15	0.22
4	21.21	1.58350	0.33	0.42
5	23.27	352.58794	70.93	92.45
6	23.54	0.18594	0.06	0.05
7	23.79	3.95996	0.27	1.04
	Sum	381.37		

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