

Certificate of Analysis

**EHRENSTORFER™**

Product Identification

17894710 Tritosulfuron-free amine

CA 1,3,5-Triazin-2-amine, 4-methoxy-6-(trifluoromethyl)-

IUPAC

Formula C₅H₅F₃N₄O

Mol.Weight 194.11

CAS No. 5311-05-7

Expiry Date 20.08.2021

Lot Number 737752

Store at 20 °C ±4 °C

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

Toxicological Data



R Code

S Code

LD50 (Rats female/male in mg/kg)

Physical Data

Phase crystalline solid

Color white

Melt.Range 166.0 °C

Boiling Range (lit.)

Analytical Data

Detection: HPLC/DAD

Column:

Inj.-Vol.: 10.00 µl

Flow: 1.0 ml/min

Ret.-Time: 7.44 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: IR, MS, UV, NMR

Comment Column: Nucleodur PFP, 5 µm, 250 x 3 mm

Purity was determined by chromatographic assay corrected by water and/or residue solvents.

Water Content 0.2 %

Determined by Karl-Fischer Titration

Det. Purity 99.7 %

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 U_c(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 20.08.2018

by M. Beck

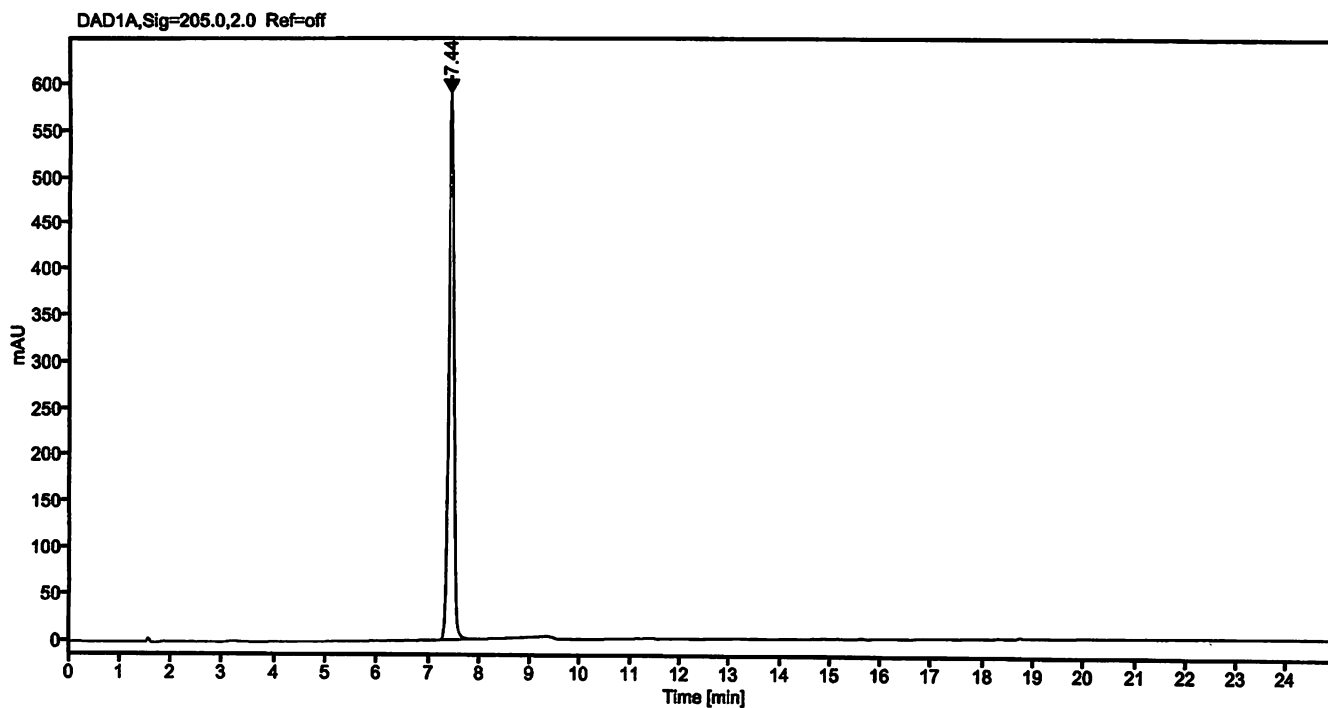
The Laboratory LGC Labor GmbH is accredited by DAkkS as indicated by the Accreditation Number D-RM-19883-01 & D-PL-19883-01 has shown competence based on ISO Guide 34:2009 with relevant parts of DIN EN ISO/IEC 17025:2005 for production of certified reference materials in form of organic pure substances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

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.

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Data file: 17894710-04-r001.dx Instrument: DAD4
Sample name: 80727AL 737752 Sequence Name: 27072018-PFP
Inj. volume [µl]: 10.0 Injection date: 7/27/2018 1:16:47 PM
Acq. method: Gradient_10-100_PK_S2.amx Location: 4

Sample Description Tritosulfuron-free amine
Column: Nucleodur PFP 5 µm 250 x 3 mm



Signal: DAD1A,Sig=205.0,2.0 Ref=off

Nr.	RT [min]	Area	Height	Area%
1	7.44	4068.10529	588.88	100.00
Sum		4068.11		

A. Del