

Certificate of Analysis

Dr. Ehrenstorfer

Reference Materials for Residue Analysis

Product Identification

15221000 E-Mevinphos (cis-butenoic acid)
CA E-Methyl-3-[[dimethoxyphosphinyl]oxy]-2-butenolate
IUPAC E-2-Methoxycarbonyl-1-methylvinyl dimethyl phosphate
Formula C7H13O6P
Mol.Weight 224.15
CAS No. 26718-65-0

Expiry Date 12.05.2014
Lot Number 00422
Store at 4 °C ±4 °C

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

Toxicological Data



R Code 27/28-53
S Code 23-28-36/37-45-60-61
LD50 (Rats female/male in mg/kg) N/A

Physical Data

Phase liquid
Color yellowish
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: ReproSil 100 C18 5µ 250x3
Inj.-Vol.: 10,00 µl
Flow: 1,0 ml/min
Ret.-Time: 1,38 min.

Method Details:
Acetonitrile:H2O 1:2

Identity: RT, UV
Comment Purity was determined by external standard method.

Water Content 0,1 % Determined by Karl-Fischer Titration
Det. Purity 99,4 % 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 $Uc(y) \cdot K$, 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 12.05.2010

by Dr. J. Heidrich



REF.NO.: 2074 - 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.

Labor Dr. Ehrenstorfer-Schäfers · Bgm.-Schlosser-Str. 6 A · 86199 Augsburg · Germany
Phone +49 821 906080 Fax +49 821 9060888 info@analytical-standards.com
The warranty for this product is limited to the purchasing price of this product.



