

Certificate of Analysis

Dr. Ehrenstorfer




Product Identification

16086000 Phorate-oxon-sulfoxide
CA Phosphorothioic acid O,O-diethyl S-[(ethylsulfinyl)methyl] ester
IUPAC
Formula C7H17O4PS2
Mol.Weight 260.31
CAS No. 2588-05-8

Reference Materials for Residue Analysis

Expiry Date 25.02.2014
Lot Number 00225
Store at -18 °C ±4 °C

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

Toxicological Data  R Code 27/28-53 S Code 26-28-36-45-46-61 LD50 (Rats female/male in mg/kg) N/A	Physical Data Phase liquid 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: ReproSil 100 C18 5µ 250x3 Inj.-Vol.: 10.00 µl Flow: 1.0 ml/min Ret.-Time: 1.89 min. Method Details: Acetonitrile:H2O 1:2	Identity: UV, RT Comment Purity was confirmed by external standard method. Due to impurities the colour is yellowish.
Water Content Determined by Karl-Fischer Titration Det. Purity 96.0 % 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 $U_c(y) \cdot K$, 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 31.07.2012

by L. Müller



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

