

Certificate of Analysis

Dr. Ehrenstorfer



Product Identification

13545000 (E)-Fenpyroximate

CA (E)-1,1-dimethylethyl 4-[[[(1,3-dimethyl-5-phenoxy-1H-pyrazol-4-

IUPAC tert-butyl(E)-alpha-(1,3-dimethyl-5-phenoxy-pyrazol-4-ylmethyleneamino-oxy)-p-toluate

Formula C₂₄H₂₇N₃O₄

Mol.Weight 421.5

CAS No. 134098-61-6

Reference Materials for Residue Analysis

Expiry Date 24.09.2016

Lot Number 20815

Store at 20 °C ± 4 °C

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

Toxicological Data	Physical Data
 R Code 22-53 S Code 36/37/39 LD50 (Rats female/male in mg/kg) 245	Phase crystalline solid Color colourless Melt.Range 102.3 °C Vapour pressure 0.0075 mPa at 25 °C Solubility in water NA g/l at °C Boiling Range (lit.)

Analytical Data	Method Details:
Detection: HPLC/DAD Column: ReproSil 100 C18 5µ 250x3 Inj.-Vol.: 10.00 µl Flow: 0.5 ml/min Ret.-Time: 5.86 min.	Acetonitrile:H2O 9:1

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

Water Content 0.1 % Determined by Karl-Fischer Titration
Det. Purity 99.0 % 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 16.10.2012

by C. Neukom



REG.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.

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The warranty for this product is limited to the purchasing price of this product.



DGA-PL-4536.00

