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PBL-005



SIGMA-ALDRICH

Fluka

Sigma-Aldrich Production GmbH  
Industriestrasse 25  
CH-9472 Buchs / Schweiz

Telefon +41 81 755 25 11  
Telefax +41 81 756 54 49  
E-Mail: fluka@sial.com

### CERTIFICATE OF ANALYSIS

Product-No. 17246 - Büchi Set 37454  
Product Melting point standard Vanillin  
Purity puriss pa  
Formula C<sub>8</sub>H<sub>8</sub>O<sub>3</sub>  
Molecular Mass 152.15  
CAS-No. 121-33-5

Lot 1317914 32107035

Melting point 81.5 +/- 0.2°C (for measurements in thermodynamic mode)  
82.2 +/- 0.2°C (for measurements in pharmacopeia mode at 0.5°C/min heating rate)  
: maximum standard deviation,  $s_{n-1}$

Storage Room temperature, keep dry and tightly closed

Expiry Date May 2009, discard 12 months after opening

Remarks The certified melting point is an average of 6 - 12 single measurements with a Büchi B-545 Instrument that is calibrated with primary standards.  
The melting point is traceable to a primary standard (Laboratory of the Government Chemist, London).  
Present melting point standard is designed for use with Büchi B-540 (complete liquefaction) or with Büchi B-545 (automatic mode, threshold 40% transmission).

May, 24<sup>th</sup> 2007 Sigma-Aldrich Production GmbH  
Quality Control

Dr. P. Zell

The Values given on the 'Certificate of Analysis' are the results determined at the time of analysis.

Sigma-Aldrich warrants that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product for its particular use.

**CONFERIDO**  
22/08/08 Data   
Visto