

Product code:VA0025  
Vanillin, extra pure, Ph Eur, BP, NF

C<sub>8</sub>H<sub>8</sub>O<sub>3</sub>  
M = 152,15 g/mol  
CAS [121-33-5]  
EC number: 204-465-2  
Taric code: 2912 41 00 00



## Technical Data Sheet

### Synonyms

4-Hydroxy-3-methoxybenzaldehyde

### Specifications

assay (acidimetric, referred to dried substance) ..... 99 - 101 %	toluene (HS-GC)..... max. 0,089 %
identity (IR-spectrum) ..... passes test	related substances (TLC) ..... passes test
appearance of solution (5%, ethanol 96%) passes test	reaction to H <sub>2</sub> SO <sub>4</sub> ..... passes test
arsenic (As) ..... max. 0,0003 %	sulfated ash ..... max. 0,05 %
copper (Co) ..... max. 0,001 %	loss on drying ..... max. 1 %
lead (Pb) ..... max. 0,001 %	organic volatile impurities (NF)..... passes test %
zinc (Zn) ..... max. 0,001 %	residual solvents (Ph Eur/NF) class 3 ..... max. 0,5 %
methanol (HS-GC)..... max. 0,3 %	other residual solvents (Ph Eur/NF) ..... excluded by production process

### Packaging

VA00250100 100 g

VA00250250 250 g

### Physical data

- Form: solid
- Spec. density: 1,056 g/cm<sup>3</sup>
- Bulk density: ~ 600 kg/m<sup>3</sup>
- Solub. in water (25 °C): 10 g/l
- Melting point: ~ 82 °C
- Boiling point: (13 hPa) ~ 154 °C
- Flash point: 153 °C
- Ignition temp.: > 400 °C
- Vapour pressure: (65 °C) 0,17 hPa
- pH (10 g/l H<sub>2</sub>O, 20 °C) 4,3

### Toxicological data

- LD 50 (oral, rat): 3978 mg/kg
- WGK: 1
- Poison class CH (Swiss): 4

### Transport/storage

- LGK: 10-13

### Applications

synthesis of organic products, in food industry, in the pharmaceuticals industry, cosmetics, perfumery.