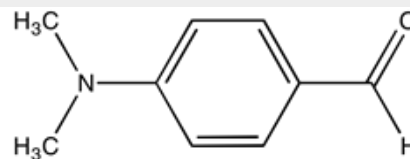


## 4-(Dimethylamino)-benzaldehyde, for analysis, ExpertQ®, ACS

**Identification**

C<sub>9</sub>H<sub>11</sub>NO  
M = 149,19 g/mol  
CAS [100-10-7]  
EC number: 202-819-0  
Taric code: 2922 39 00

**Synonyms**

p-Formyldimethylaniline, Ehrlich's reagent

**Applications**

analytical chemistry, manufacture of dyes and for pharmaceuticals synthesizing.

**Specifications**

assay (G.C.).....	min. 99 %	iron (Fe).....	max. 0,001 %
identity (IR-spectrum).....	passes test	solubility in alcohol.....	passes test
melting point.....	73 - 75 °C	solubility in HCl.....	passes test
colour (Hazen) of alcohol solution.....	max. 60	substances darkened by H <sub>2</sub> SO <sub>4</sub> .....	passes test
colour of hydrochloric acid solution.....	passes test	residue on ignition.....	max. 0,1 %

**Physical data**

- Bulk density: ~ 350 kg/m<sup>3</sup>
- Solub. in water: (20 °C): 0,3 g/l
- Melting point: 72 - 75 °C
- Boiling point: (23 hPa) 176 - 177 °C
- Flash point: > 100 °C

**Safety - GHS**

Signal Word: Warning

**Hazard Statements:**

H302: Harmful if swallowed.

**Precautionary Statements:**

- P264: Wash thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P330: Rinse mouth.
- P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- 10°C - 30°C