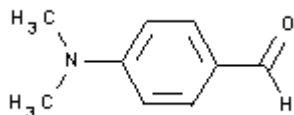


PRODUCT CODE: 131293

4-(Dimethylamino) Benzaldehyde (Reag. USP, Ph. Eur.) for analysis, ACS

$C_9H_{11}NO$

$(CH_3)_2NC_6H_4CHO$



M.= 149,19

CAS [100-10-7]

EINECS 202-819-0

TARIC 2922 39 00 90

SYNONYMS: 4-Dimethylaminobenzenecarbonal, Ehrlich Reagent,p-Dimethylaminobenzaldehyde

PHYSICAL DATA: Yellowish-white crystalline powder , turns pink on exposure to light, Soluble in water 0,3 g/l at 20 °C
 M.P.: 74 °C •

BIBLIOGRAPHY: Merck Index **12**, 3.280 13, 3.257 Sax **DOT400** • Safety **2** , **1331 C** • Römp **8** , **966** • Beilstein **14** , **31 I** , **360 II** , **23 III** ,**58 IV** , **51** • BRN 606802 • Fieser 1273 2146 • ACS **XI** •

HAZARDOUS: RTECS: CU 5775000 • LD L0 oral rat 500 mg/kg • LD50 ipr rat 620 mg/kg

SPECIFICATIONS:

| | |
|----------------------|----------------|
| Minimum assay (G.C.) | 99,0% |
| Identity : | |
| Identity | IR passes test |
| Melting range | 73-75°C |

Maximum limit of impurities

| | |
|--|-------------|
| APHA colour | 60 |
| Insoluble matter in C ₂ H ₅ OH | passes test |
| Insoluble matter in HCl | passes test |
| Residue on ignition (as SO ₄) | 0,1 % |
| Colour of acid solution | passes test |

Metals by ICP [in mg/Kg (ppm)]

| | |
|----|-----|
| Ca | 10 |
| Cd | 5 |
| Co | 5 |
| Cr | 5 |
| Cu | 5 |
| Fe | 100 |
| K | 50 |
| Mg | 5 |
| Mn | 5 |
| Na | 500 |
| Ni | 5 |
| Pb | 5 |
| Zn | 50 |