



## UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

### **TECHNICAL DATA SHEET / Specification Sheet**

#### **4-Dimethylaminobenzaldehyde**

Synonym : 4-(Dimethylamino)benzaldehyde  
Molecular Formula : (CH<sub>3</sub>)<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>CHO  
Molecular Weight : 149.19  
CAS No. : 100-10-7  
Shelf Life : 5 years

#### **Technical Specification**

Appearance (Color)	Off White to Light Yellow and Faint Beige to Light Beige
Appearance (Form)	Powder
Melting Point	73 - 75 °C
Infrared spectrum	Conforms to Structure
Color Test	≤60 APHA C= 4%, Ethanol
UV/VIS Identity	Pass
Passes Color of HCl Solution	
Purity (GC)	≥98.5 %
Residue on ignition (Ash)	≤0.1 %
Solubility	Pass
c = 40mg/ml, Ethanol	
Solubility	Pass
c = 50mg/ml 10% HCl	
Meets ACS Requirements	Current ACS Specification