



# Product Specification

## Product Name: p-DIMETHYLAMINO BENZALDEHYDE AR

Alternate Name(s) 4-(Dimethylamino)benzaldehyde

### Description

White to off white to light yellow crystals or powder. Light sensitive. May discolour on exposure to light.

### Properties

Chemical Formula:  $(\text{CH}_3)_2\text{NC}_6\text{H}_4\text{CHO}$

Molecular Weight: 149.19

Product Code: DA006

CAS No.: 100-10-7

### General Information:

Soluble in alcohol and ether, chloroform, acetic acid. Incompatible with strong oxidizers, strong bases. Combustible.

### Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CHSS

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

### Quality Specification

Assay: 98.0% min.

### Specific Properties and Impurities [Typical levels]:

Residue after ignition	0.1%
Solubility in alcohol	Passes test
Colour (APHA) of alcohol solution	< 60
Solubility in hydrochloric acid	Passes test
Colour of hydrochloric acid solution	Passes test
Melting Point	73 - 75°C
Boiling Point (23 hPa)	176 - 177 °C
Flash Point	> 100 °C
Solubility in Water (20 °C)	0.3 g/L

CONFORMS TO ACS

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