



**Resonance**  
Specialties

# Resonance Specialties Limited

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Website: [www.resonancesl.com](http://www.resonancesl.com) CIN: [L25209MH1989PLC051993](https://www.mca21.gov.in/cin/L25209MH1989PLC051993) GST: [27AAACA9590Q1ZW](https://www.gst.gov.in/gst/27AAACA9590Q1ZW)

## TECHNICAL DATA SHEET

### 3,4-LUTIDINE

**Other Nomenclature** 3,4-dimethyl pyridine

#### **Physical Data**

|                          |                                 |
|--------------------------|---------------------------------|
| <b>Molecular Formula</b> | C <sub>7</sub> H <sub>9</sub> N |
| <b>Molecular weight</b>  | 107.16g/mol                     |
| <b>CAS Number</b>        | 583-58-4                        |

#### **Specifications**

|                              |  |
|------------------------------|--|
| <b>Description</b>           | A clean, clear liquid having characteristic disagreeable odour |
| <b>Solubility</b>            | 5.2 g/100 g water at 20 °C. Soluble in alcohol and ether       |
| <b>Sp. Gravity (15/4 °C)</b> | Between 0.96 to 0.964  |
| <b>Boiling point</b>         | 179 °C (at 760 mm Hg)  |
| <b>Water</b>                 | Max. 0.5 m/m (By K.F Method)                                   |
| <b>Assay</b>                 | Min. 98.0 % on dried basis                                     |

### **Packing**

190 kg MS Drums / 200 kg HMHDPE Drums

### **Health Hazard**

- Irritant, hygroscopic

### **Target Organs**

- Eyes, Skin, Lungs

### **Applications**

- Intermediate of Pentazocine