



Resonance
Specialties

Resonance Specialties Limited

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

TECHNICAL DATA SHEET

PYRIDINE ACS GRADE

Physical Data

Molecular Formula	C ₅ H ₅ N
Molecular weight	79.10g/mol
CAS Number	110-86-1

Specifications

Description	Colourless liquid
Odour	Characteristic odour free from foreign matter
Moisture content	0.05% w/w
Distillation range at 760mm	115 °C+ 1 °C
Miscibility	Miscible with water, shows no opalescence or separation
Ammonia	Less than 0.002%
Copper	5ppm max
Residue after evaporation	Max 0.002%
Color	Max Apha 5
Chloride	Max 0.001%
Sulphate	Max 0.001%
Assay	> 99.5% m/m

Packing

190 kg MS Drums / 200 kg HMHDPE Drums

Health Hazard

- Highly inflammable

Target Organs

- May cause CNS depression, irritation of skin and respiratory tract.
- Large doses may produce G.I. disturbances, kidney and liver damage.

Applications

- Intermediate for herbicides like diquat and paraquat; insecticides like chloropyriphos; antifungal agents like zinc pyrithione.
- As a solvent for acylations, dehydrochlorination reactions.
- As Denaturant.
- As an acid scavenger.
- Dyes & Bulk drugs intermediate.