



Resonance
Specialties

Resonance Specialties Limited

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Website: www.resonancesl.com CIN: [L25209MH1989PLC051993](https://www.mca21.gov.in/cin/125209MH1989PLC051993) GST: [27AAACA9590Q1ZW](https://www.gst.gov.in/gst/27AAACA9590Q1ZW)

TECHNICAL DATA SHEET

ISONIAZID

Other Nomenclature

Isonicotinic acid hydrazide

Physical Data

Molecular Formula	C ₆ H ₇ N ₃ O
Molecular weight	137.142g/mol
CAS Number	54-85-3

Specifications

Description	Crystalline Powder
Solubility	AS PER USP
Identification	TEST A,B & C OR A AND C
pH	Between 6.0 ~ 8.0
Clarity and Colour of Solution	AS PER USP
Heavy Metals	NMT 10 ppm
Hydrazine & Related Substances	AS PER USP
Loss on Drying	NMT 0.5% (w/w)
Sulphated Ash	NMT 0.1% (w/w)
Mesh size	100% PASSING THROUGH 40 No MESH
Assay	NLT 99.0% AND NMT 101.0% on dried basis

Packing

25/50 kg Fibre / HMHDPE Drums

Applications

- Anti-TB drug