



94885

## Isoniazid extrapure, 99%

Part B

CAS : 54-85-3

Molecular Formula : C<sub>6</sub>H<sub>7</sub>N<sub>3</sub>O

Molecular Weight : 137.14

### Specifications

Appearance (Colour)	White to off-white
Appearance (Form)	Crystalline powder
Solubility (Turbidity) 5% aq. solution	Clear
Solubility (Colour) 5% aq. solution	Colourless
Assay	min. 99%
pH (1% aq. solution)	5.5 - 6.5
Melting Point	171 - 173°C

### Other Information

Notes

Antibiotic for treatment of Mycobacterium tuberculosis, inhibits mycolic acid biosynthesis. Metabolized by hepatic N-acetyltransferase (NAT) and cytochrome P450 2E1 (CYP2E1) to form hepatotoxins.

Selectively induces expression of CYP2E1. Reversibly inhibits CYP2C19 and CYP3A4 activities, and mechanistically inactivates CYP1A2, CYP2A6, CYP2C19 and CYP3A4 at clinically relevant concentrations.

Solubility (sparingly): acetone, acetonitrile, chloroform, ethanol, ethyl acetate, methanol, water  
Insoluble : benzene, ether

### General Information

Storage	8 to 25°C (Cool & Dry Area)
Shelf Life	60 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	98020000 (GST 18%)
5 Gms	98020000 (GST 18%)
Type of Packing	
100 Gms	Glass Bottle

5 Gms

Plastic Bottle

### Available Packages

5 Gms

100 Gms

500 Gms

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#### Disclaimer

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