

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

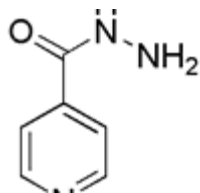
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	24518
Product	Isonicotinic acid hydrazide
	Isoniazid
	Pyridine-4-carbohydrazide
CAS Number	54-85-3
Molecular Formula	C ₆ H ₇ N ₃ O
Molecular Weight	137.14

Appearance	White or almost white crystalline powder
Appearance of Solution	A solution is clear and not more intensely colored than the reference solution BY7.
Solubility	Freely soluble in water, sparingly soluble in alcohol, slightly slightly soluble in chloroform and very slightly soluble in ether.
Melting Point	170-174 °C
Heavy Metals	≤ 10 ppm
pH	6.0-8.0 (5% w/v in solution)
Infrared Spectrum	Conforms to structure
Loss on Drying	≤ 0.5% (w/w)
Related Substances	Hydrazine: ≤ 0.05% w/w ≤ 0.2% w/w
Sulfated Ash	≤ 0.1% (w/w)
Assay by titration	≥ 99% (anhydrous basis)
Application	It is used for the treatment of Mycobacterium tuberculosis.
Storage	Store at 0-8 °C

Product Specifications

Catalog Number: 24518

For Laboratory Use Only