



40257

Adipic Acid Dihydrazide (ADH) extrapure, 98%

Part B

CAS : 1071-93-8

Molecular Formula : C₆H₁₄O₂N₄

Molecular Weight : 174.20

Specifications

Appearance (Colour)	White to pale yellow
Appearance (Form)	Powder
Solubility (Turbidity) 10% aq. solution	Clear
Solubility (Colour) 10% aq. solution	Colourless to pale yellow
Assay (NT)	min. 98.0%
Melting Point	178 - 182°C
Loss on drying	max. 0.5%

Other Information

Application

Adipic acid dihydrazide is a homobifunctional cross-linking reagent specific for aldehydes resulting in relatively stable hydrazone linkages. Adipic acid dihydrazide is typically, used in the linking of glycoproteins, such as antibodies, in a site specific fashion following periodate oxidation. Oxidation and coupling may conveniently be performed at pH 5.0 due to the low pKa of the hydrazide which avoids competition by primary amines.

General Information

Storage	-20 °C (Blue/Dry Ice)
Shelf Life	60 Months
IMDG Identification	UN No.:3077 , IMCO Class No.:9 , Packing Group:III
HSN Code	
100 Gms	29280090 (GST 18%)
25 Gms	29280090 (GST 18%)
250 Gms	29280090 (GST 18%)

Available Packages

25 Gms

100 Gms

250 Gms

Disclaimer

The information represented here may/may not represent the entire product specification, application or protocol recommended by Sisco Research Laboratories Pvt. Ltd. (SRL). This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above. For actual batch related documents, mail us.

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srchem.com, website www.srchem.com
