

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

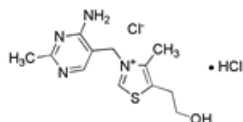
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	02071
Product	Thiamine hydrochloride Vitamin B1 hydrochloride Aneurine hydrochloride
CAS Number	67-03-8
Molecular Formula	C ₁₂ H ₁₇ ClN ₄ OS
Molecular Weight	337.27

Appearance	White crystals or almost white crystalline powder
Anion	Limit of nitrate : No brown ring is produced at the junction of the two layers.
Water Content (Karl Fisher)	≤ 5%
pH	2.7 - 3.4
UV Ratios	Absorbance of solution : ≤ 0.025 at 400 nm wavelength
Related Substances	≤ 1%
Residue On Ignition	≤ 0.2%
Assay (anhydrous basis)	98 - 102%
Grade	Meets USP specification
Storage	Store at RT
Additional Information	Identification : Test for A : Infrared spectrum : Conforms to structure Test for B : Reaction of chlorides : To pass test

For Laboratory Use Only