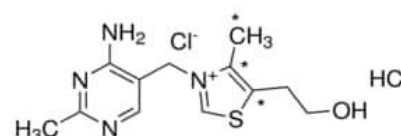


THIAMINE HYDROCHLORIDE FOR BIOCHEMISTRY

PRODUCT CODE	241965
SYNONYMS	(Vitamin B1)
C.I. NO.	--
CASR NO.	(67-03-8)
ATOMIC OR MOLECULAR FORMULA	C ₁₂ H ₁₇ N ₄ OSCl.HCl
ATOMIC OR MOLECULAR WEIGHT	337.27
PROPERTIES	--



PARAMETER	LIMIT
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Description	Colourless or white to off-white crystals or crystalline powder.
Solubility	Soluble in water
Identification	Passes test.
Identification (By FTIR)	Conforms.
Assay (HPLC /NT/AT, on anhydrous basis)	98.5 - 101.5%
pH of (2.5% aq. soln.)	2.7 - 3.3

MAXIMUM LIMIT OF IMPURITIES

Sulphated ash	0.1%
Water (KF)	5.0%
Nitrate (NO ₃)	Passes test.
Sulphate (SO ₄)	0.03%
Heavy metals (as Pb)	0.002%

Note(s) : Assay (if applicable) method mentioned

WARNING

Hazard statements : Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---

IMDG Code :

UN No. :

IATA :

Disposal:

Hazard Pictogram(s) :-

Replace date 30-Jan-2026